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# **HAWAI'I COUNTY DATA BOOK**

## **2015**



COUNTY OF HAWAI'I  
DEPARTMENT OF RESEARCH AND DEVELOPMENT

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## ABOUT THIS EDITION

This 2015 County of Hawai'i Data Book is intended to serve as a convenient collection of statistics on the social, economic, demographic and other information of the County. It concentrates local data in a single, convenient reference source and may be used both as a statistical reference and as a guide to other statistical publications and sources.

This publication represents a part of the continuous effort by the Department of Research and Development to provide informational services to County departments, other governmental agencies and the general public. This 2015 edition of the Data Book is produced by the Hawai'i SBDC Network, Hawai'i Business Research Library (HBRL) under a grant from the County of Hawai'i, administered by Department of Research and Development. In addition to the print version, the Data Book is also available online via the Internet (<http://www.hawaiicounty.gov/databook>). You may call the Department of Research and Development Library at (808) 961-8366.

The publications cited as sources at the end of each table usually contain additional statistical detail and a more comprehensive discussion of relevant definitions and concepts than can be presented here. We encourage users to consult these sources when in need of more detailed information, most of which are available in our Department of Research and Development Library.

Several other publications complement the Hawai'i County Data Book for individuals needing more data about Hawai'i. The State of Hawai'i publishes The State of Hawai'i Data Book (<http://dbedt.hawaii.gov/economic/databook>) annually through the Hawai'i State Department of Business, Economic Development and Tourism. The Hawai'i State Office of Hawaiian Affairs publishes the Native Hawaiian Data Book (<http://www.ohadatabook.com>).

Although compilation of the data this year was done by the HBRL and the Department of Research and Development, many others in Hawai'i County contributed to this effort. We wish to acknowledge the assistance of the other County departments, as well as private organizations and the State and Federal agencies that recognize the need for accurate, complete, and up-to-date statistics for the County of Hawai'i. To them we extend our deepest appreciation for their support and cooperation.

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# General Statistics



## Section 1

### GENERAL STATISTICS

“CDP” means Census Designated Place, a “densely settled concentration of population that is identifiable by name.” “CCD” means Census Community Division, which is based on a “well-known local name that identifies its location.” CCDs may contain one or more CDPs.

This section covers the statistics on population, population distribution, income, cost of living and other general aspects of Hawai‘i County.

The totals for population have been broken down by factors such as resident population, de facto population (the number of people actually in the county), district, density, age, race and sex.

Population statistics are based on the 2010 census figures modified by provisional estimates supplied by the American Community Survey, also a product of the U.S. Census Bureau.

Several of the tables address the cost of living and personal income which have been shown to be of great interest to users of this book. The primary measuring tool for cost of living increases is the consumer price index for urban dwellers (CPI-U). The Honolulu consumer price index has been compiled by the U.S. Bureau of Labor Statistics since December 1963. This index measures the average change in prices of goods and services purchased by urban households. Prices are expressed as a percent of the average levels reported in 1982–1984, the base date. Statistics for Hawai‘i County are not available, therefore the index for the City and County of Honolulu is provided.

The sources for this data are the U.S. Bureau of the Census, estimates developed by the Hawai‘i State Department of Business, Economic Development and Tourism, U.S. Department of Commerce, Hawai‘i State Department of Health, and the U.S. Bureau of Labor Statistics CPI Reports.

## 1.1.1 HAWAII COUNTY STATISTICS

	Unit	Measure	2009	2010	2011	2012	2013	2014	% Change 13/14	% Change 9/14
Resident Population <sup>1</sup>	Number	July 1	183,629	185,326	186,961	188,780	191,224	194,016	1.46%	5.66%
Civilian Labor Force	Number	An. Avg.	83,900	87,750	88,650	86,200	86,100	87,350	1.45%	4.11%
Employed	Number	An. Avg.	75,350	79,100	79,950	79,050	80,400	82,500	2.61%	9.49%
Unemployed	Number	An. Avg.	8,550	8,650	8,750	7,150	5,700	4,850	-14.91%	-43.27%
Percent Unemployed	Percent	An. Avg.	10.2	9.9	9.9	8.3	6.6	5.5	-16.67%	-46.08%
Total Job Count <sup>2</sup>	Number	An. Avg.	61,350	60,400	60,400	61,600	63,100	63,500	0.63%	3.50%
Gross Business Receipts	Mil. \$	Total	4,371.4	4,235.2	4,414	4,506	4,754	4,887	2.78%	11.79%
State Tax Collections <sup>3</sup>	Thous. \$	Total	266,302	269,609	258,520	315,919	327,863	358,352	9.30%	34.57%
County Tax Collections <sup>4</sup>	Thous. \$	Total	254,868	241,564	242,827	237,486	229,407	233,862	1.94%	-8.24%
Estimated Domestic Visitors	Thous.	Total	950,843	976,459	1,022,016	1,072,678	1,055,383	1,078,953	2.23%	13.47%
Estimated International Visitors	Thous.	Total	264,413	304,773	296,294	360,604	379,862	370,117	-2.57%	39.98%
Hotel Inventory	Number	Feb.	11,541	11,479	11,113	10,594	10,903	10,666	-2.17%	-7.58%
Hotel Occupancy	Percent	Mo. Avg.	53.5	56.2	58.2	62.0	61.0	61.5	0.82%	14.95%
Real Estate Resales	Number	Total	1,246	1,508	1,619	1,609	1,884	1,884	0.00%	51.20%
Single Family	Dollars	Median	278,000	260,000	247,000	260,000	295,000	315,000	6.78%	13.31%
Condominium	Number	Total	328	521	606	591	647	645	-0.31%	96.65%
	Dollars	Median	276,550	260,000	212,250	258,000	250,000	280,000	12.00%	1.25%
Household income	Dollars	Median	53,828	47,100	46,479	50,285	48,399	52,788	9.07%	-1.93%
Per Capita income	Dollars		31,154	31,357	32,226	33,368	34,297	34,870	1.67%	11.93%
Monthly mortgage payment	Dollars	Median	1,648	1,691	1,778	1,760	1,729	1,692	-2.14%	2.67%
Monthly rent	Dollars	Median	1,011	1,009	1,043	1,044	1,049	1,039	-0.95%	2.77%
Private building permits	Thous.	Total	309,165	360,328	282,638	427,394	443,739	697,063	57.09%	125.47%

1. PRELIMINARY ESTIMATES BY THE U.S. CENSUS BUREAU.

2. REFERS TO NUMBER OF JOBS RATHER THAN NUMBER OF PERSONS EMPLOYED (SELF-EMPLOYED NOT COUNTED IN JOBS COUNT.)

3. CALENDAR YEAR.

4. FISCAL YEAR ENDING JUNE 30.

## 1.1.2

### CENSUS BUREAU QUICK FACTS HAWAII COUNTY AND STATE OF HAWAII

Category	Hawai'i County	State of Hawai'i
<b>Population</b>		
Population estimates, July 1, 2015	196,428	1,431,603
Population, percent change - April 1, 2010 to July 1, 2015	6.1%	5.2%
Population, Census, April 1, 2010	185,079	1,360,301
Persons under 5 years, percent, July 1, 2014	6.2%	6.4%
Persons under 18 years, percent, July 1, 2014	22.0%	21.7%
Persons 65 years and over, percent, July 1, 2014	17.5%	16.1%
Female persons, percent, July 1, 2014	50.0%	49.4%
White alone, percent, July 1, 2014 <sup>(a)</sup>	34.3%	26.7%
Black or African American alone, percent, July 1, 2014 <sup>(a)</sup>	0.9%	2.5%
American Indian and Alaska Native alone, percent, July 1, 2014 <sup>(a)</sup>	0.6%	0.4%
Asian alone, percent, July 1, 2014 <sup>(a)</sup>	22.0%	37.5%
Native Hawaiian and Other Pacific Islander alone, percent, July 1, 2014 <sup>(a)</sup>	12.7%	10.0%
Two or More Races, percent, July 1, 2014	29.4%	23.0%
Hispanic or Latino, percent, July 1, 2014 <sup>(b)</sup>	12.3%	10.1%
White alone, not Hispanic or Latino, percent, July 1, 2014	30.6%	23.0%
<b>General</b>		
Living in same house 1 year ago, pct age 1+, 2010-2014	87.5%	85.0%
Foreign born persons, percent, 2010-2014	11.2%	17.9%
Language other than English spoken at home, pct age 5+, 2010-2014	18.5%	25.3%
High school graduate or higher, percent of persons age 25+, 2010-2014	91.0%	90.7%
Bachelor's degree or higher, percent of persons age 25+, 2010-2014	25.9%	30.5%
Veterans, 2010-2014	14,959	112,217
Mean travel time to work (minutes), workers age 16+, 2010-2014	25.5	26.4
<b>Housing</b>		
Housing units, July 1, 2014	85,163	530,106
Owner-occupied housing unit rate, 2010-2014	65.8%	57.1%
Median value of owner-occupied housing units, 2010-2014	\$301,500	\$504,500
Households, 2010-2014	64,586	450,299
Persons per household, 2010-2014	2.88	3.00
Per capita income in past 12 months (in 2014 dollars), 2010-2014	\$24,395	\$29,552
Median household income (in 2014 dollars), 2010-2014	\$51,213	\$68,201
Persons in poverty, percent <sup>2</sup>	18.1%	11.4%

## 1.1.2

### CONTINUED

Category	Hawai'i County	State of Hawai'i
<b>Business</b>		
Total employer establishments, 2013	3,923	31,622 <sup>1</sup>
Total employment, 2013	50,266	502,530 <sup>1</sup>
Total employment, percent change, 2012-2013	3.4%	2.1% <sup>1</sup>
Total nonemployer establishments, 2013	16,499	98,490
All firms, 2012	18,200	118,454
Men-owned firms, 2012	9,502	60,409
Women-owned firms, 2012	6,260	44,453
Minority-owned firms, 2012	9,039	74,208
Nonminority-owned firms, 2012	8,084	38,510
Veteran-owned firms, 2012	1,836	11,148
Nonveteran-owned firms, 2012	15,418	101,334
Total manufacturers shipments, 2012 (\$1000)	283,326	D
Total merchant wholesaler sales, 2012 (\$1000)	D	9,607,982
Total retail sales, 2012 (\$1000)	2,390,830	18,901,745
Total retail sales per capita, 2012	\$12,637	\$13,576
Total accommodation and food services sales, 2012 (\$1000)	1,124,494	9,536,706
Building permits, 2014	958	3,066
<b>Geography</b>		
Land area in square miles, 2010	4,028.42	6,422.63
Population per square mile, 2010	45.9	211.8
FIPS Code	15001	15

1. INCLUDES DATA NOT DISTRIBUTED BY COUNTY.

2. THIS GEOGRAPHIC LEVEL OF POVERTY IS NOT COMPARABLE TO OTHER GEOGRAPHIC LEVELS OF THESE ESTIMATES.

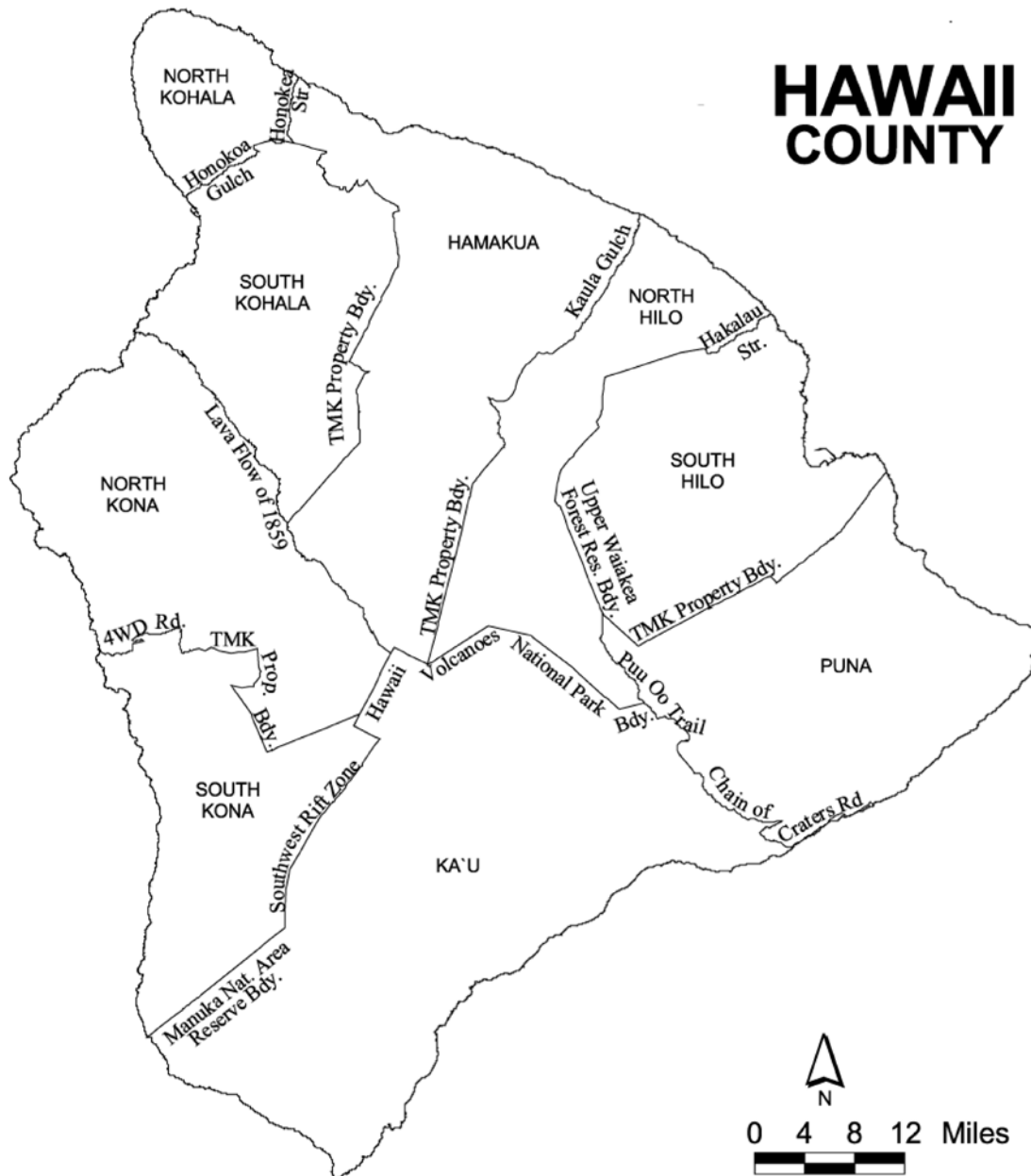
(a) INCLUDES PERSONS REPORTING ONLY ONE RACE.

(b) HISPANICS MAY BE OF ANY RACE, SO ALSO ARE INCLUDED IN APPLICABLE RACE CATEGORIES.

D: SUPPRESSED TO AVOID DISCLOSURE OF CONFIDENTIAL INFORMATION

SOURCE: U.S. CENSUS BUREAU, STATE AND COUNTY QUICKFACTS.

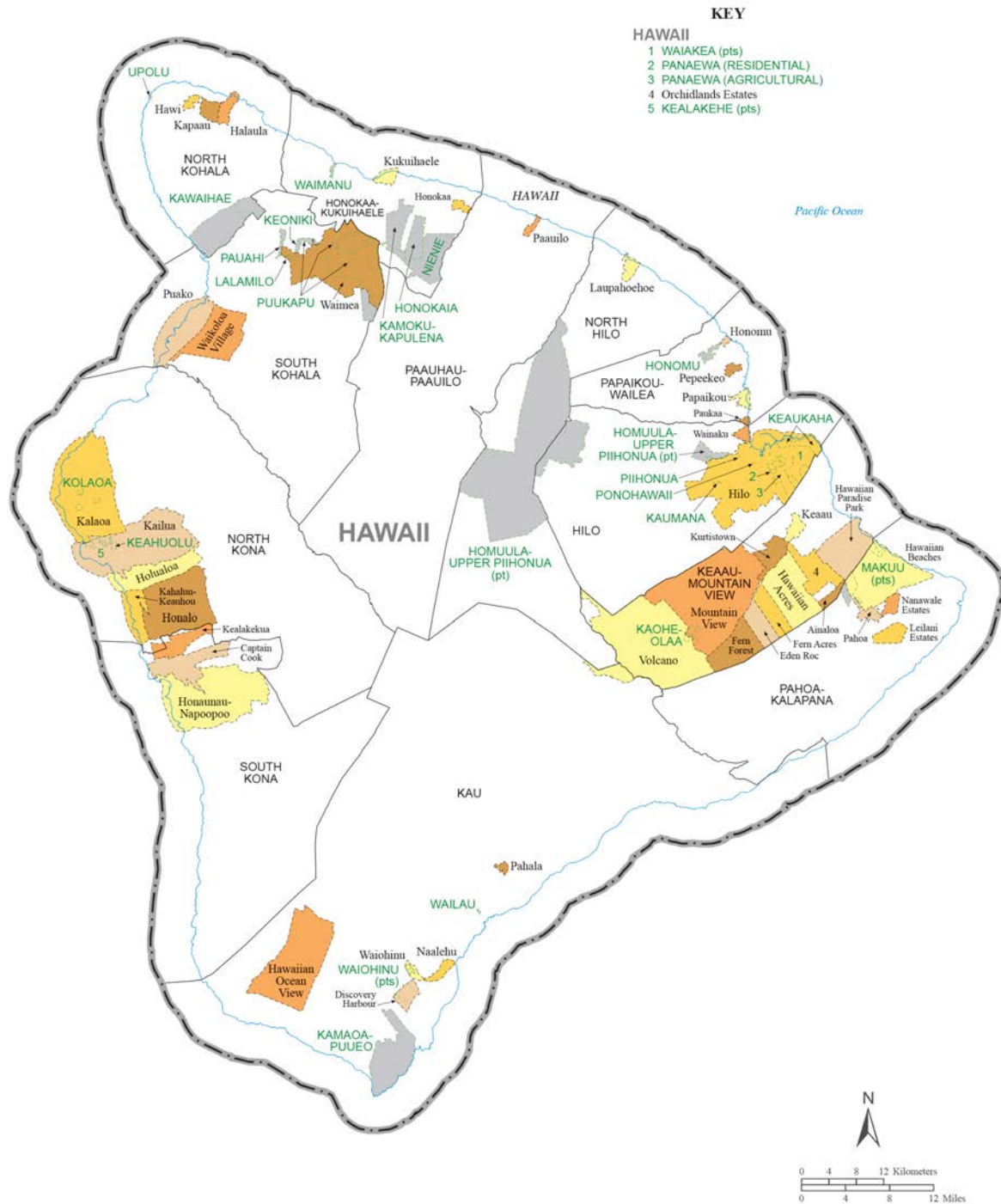
## HAWAI'I COUNTY AND DISTRICTS



SOURCE: HAWAI'I STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, OFFICE OF PLANNING, 2001.

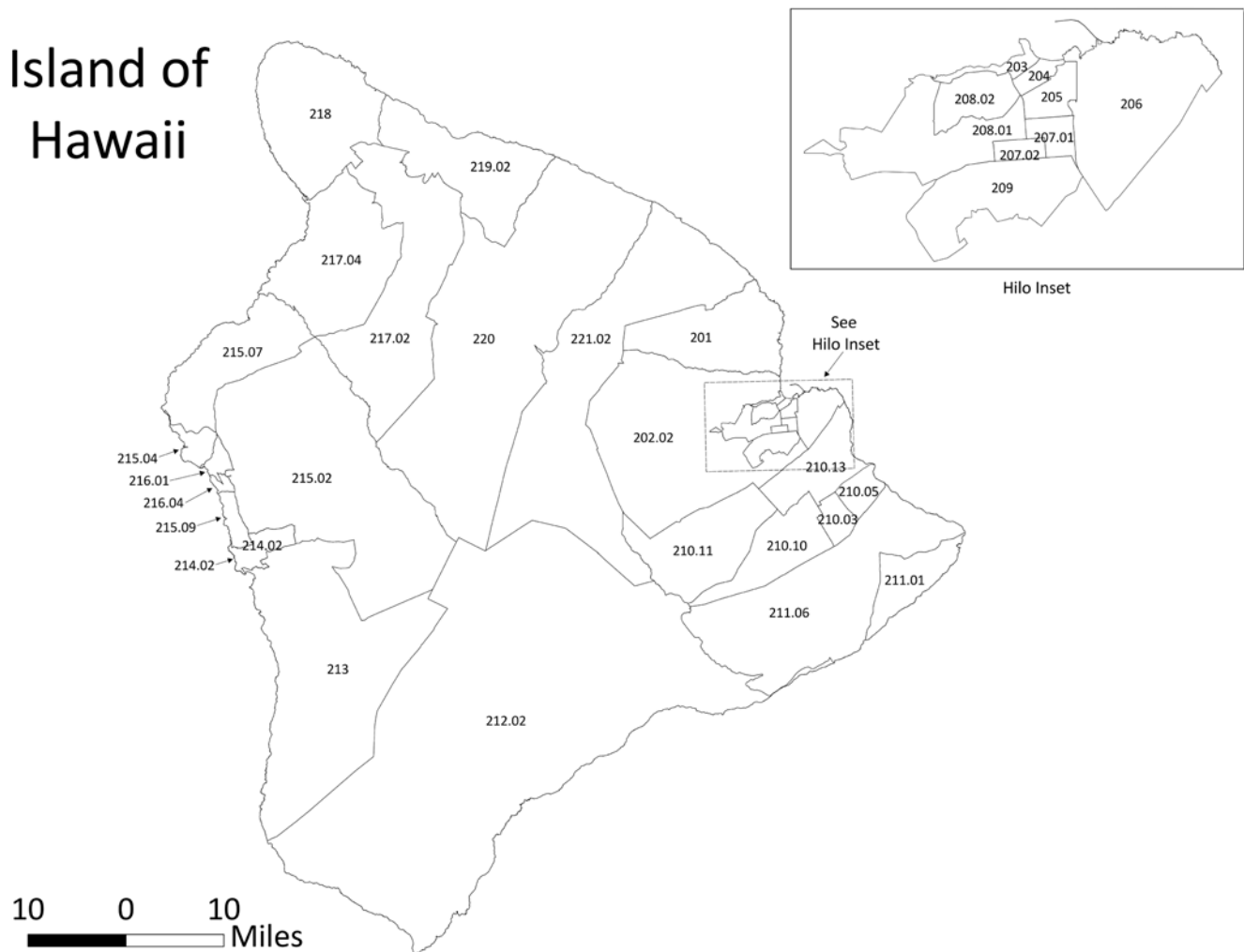


## HAWAI'I COUNTY SUBDIVISIONS AND PLACES



SOURCE: U.S. CENSUS BUREAU, 2010 CENSUS.

## HAWAI'I COUNTY CENSUS TRACTS



SOURCE: U.S. CENSUS BUREAU, 2011.

### 1.3.1

## RESIDENT POPULATION BY COUNTY

*Estimates based on place of usual residence; includes armed forces stationed or homeported in Hawai'i and residents temporarily absent, excludes visitors present.*

Date	Hawai'i County	City & County of Honolulu	Kaua'i County	Maui County <sup>1</sup>	State Total
July 1, 1990	121,572	838,534	51,676	101,709	1,108,229
July 1, 1991	127,266	850,510	53,379	105,599	1,136,754
July 1, 1992	131,630	863,959	54,439	108,585	1,158,613
July 1, 1993	135,085	870,348	55,461	111,944	1,172,838
July 1, 1994	137,713	878,591	56,478	114,754	1,187,536
July 1, 1995	140,492	881,399	57,068	117,895	1,196,854
July 1, 1996	141,935	883,443	57,688	120,689	1,203,755
July 1, 1997	144,445	886,711	57,712	122,772	1,211,640
July 1, 1998	145,833	886,909	57,843	124,648	1,215,233
July 1, 1999	146,970	878,906	58,264	126,160	1,210,300
April 1, 2000 <sup>2</sup>	148,677	876,156	58,463	128,241	1,211,537
July 1, 2001 <sup>3</sup>	151,690	882,755	59,075	132,428	1,225,948
July 1, 2002 <sup>3</sup>	154,576	890,473	59,981	134,583	1,239,613
July 1, 2003 <sup>3</sup>	158,442	894,311	60,805	137,596	1,251,154
July 1, 2004 <sup>3</sup>	162,852	907,997	62,095	140,625	1,273,569
July 1, 2005 <sup>3</sup>	168,237	918,181	62,863	143,448	1,292,729
July 1, 2006 <sup>3</sup>	173,536	926,954	63,465	145,776	1,309,731
July 1, 2007 <sup>3</sup>	177,733	925,335	64,490	148,117	1,315,675
July 1, 2008 <sup>3</sup>	181,506	933,680	65,603	151,424	1,332,213
July 1, 2009 <sup>3</sup>	183,629	943,177	66,518	153,393	1,346,717
April 1, 2010 <sup>2</sup>	185,079	953,207	67,091	154,834	1,360,301
July 1, 2011	186,961	966,581	67,794	156,801	1,378,227
July 1, 2012	188,780	976,711	68,551	158,510	1,392,641
July 1, 2013	191,224	986,802	69,703	160,947	1,408,765
July 1, 2014	194,016	992,082	70,672	163,398	1,420,257
July 1, 2015	196,428	998,714	71,735	164,637	1,431,603

1. INCLUDING KALAWAO COUNTY (KALAUPAPA SETTLEMENT). KALAWAO HAD 147 IN 2000, 90 IN 2010 AND 89 IN 2014.

2. DECENNIAL CENSUS FIGURE.

3. POPULATION ESTIMATES FOR 2000 THROUGH 2009 WERE REVISED BASED UPON THE APRIL 1, 2010 FIGURES WHICH WERE RELEASED SEPTEMBER 28, 2011. POPULATION ESTIMATES AFTER APRIL 1, 2010 WERE BASED ON REVISIONS RELEASED IN MARCH 2015 AND MAY DIFFER SOMEWHAT FROM EARLIER FIGURES CITED IN OTHER TABLES.

SOURCE: U.S. CENSUS BUREAU, STATE OF HAWAII DATA BOOK 2014, FEDERAL-STATE COOPERATIVE PROGRAM FOR POPULATION ESTIMATES.

### 1.3.2

## DE FACTO POPULATION BY COUNTY

*Includes all persons physically present in area, regardless of military status or usual place of residence.  
Includes visitors present but excludes residents temporarily absent, both calculated as an average daily census.*

Date	Hawai'i County	City & County of Honolulu	Kaua'i County	Maui County <sup>1</sup>	State Total
July 1, 1990	137,103	913,268	68,558	138,390	1,257,319
July 1, 1991	141,240	901,717	69,605	139,703	1,252,265
July 1, 1992	146,421	912,514	66,076	146,651	1,271,662
July 1, 1993	148,014	909,506	61,262	149,067	1,267,849
July 1, 1994	150,311	919,898	67,161	152,434	1,289,804
July 1, 1995	152,482	921,626	68,844	155,144	1,298,096
July 1, 1996	154,364	921,609	70,474	157,468	1,303,915
July 1, 1997	161,225	932,931	71,763	162,011	1,327,930
July 1, 1998	165,205	931,439	73,920	163,562	1,334,125
July 1, 1999	164,570	927,689	74,441	165,743	1,332,442
July 1, 2000	166,429	926,192	74,734	168,650	1,336,005
July 1, 2001	168,131	926,713	73,940	168,845	1,337,629
July 1, 2002	171,784	934,070	74,895	172,302	1,353,051
July 1, 2003	174,683	931,880	76,148	176,044	1,358,755
July 1, 2004	180,107	949,262	78,167	180,033	1,387,569
July 1, 2005	188,612	959,340	79,561	184,987	1,412,500
July 1, 2006	194,008	967,400	80,887	188,221	1,430,516
July 1, 2007	196,723	963,577	83,286	189,875	1,433,461
July 1, 2008	198,413	962,908	81,968	189,331	1,432,620
July 1, 2009	199,047	972,202	82,101	189,206	1,442,556
July 1, 2010 <sup>2</sup>	202,668	988,106	83,524	194,384	1,468,682
July 1, 2011 <sup>2</sup>	205,676	1,000,733	85,108	198,695	1,490,212
July 1, 2012 <sup>2</sup>	209,280	1,019,530	87,163	202,075	1,518,048
July 1, 2013 <sup>2</sup>	212,635	1,033,388	89,621	207,273	1,542,917
July 1, 2014 <sup>2</sup>	216,173	1,041,721	90,525	211,050	1,559,469

1. INCLUDING KALAWAO COUNTY (KALAUPAPA SETTLEMENT). THE 2014 DE FACTO POPULATION OF KALAWAO COUNTY, WHICH IS THE KALAUPAPA SETTLEMENT ON MOLOKAI, WAS 89.

2. REVISED FIGURES FOR JULY 1, 2010 THROUGH JULY 1, 2014.

SOURCE: U.S. CENSUS BUREAU; HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM, TOURISM RESEARCH BRANCH.

### 1.3.3

## RESIDENT POPULATION BY COUNTY AND DISTRICT

County and District	April 1, 1990	April 1, 2000	April 1, 2010	Percent Change	
				'90 to '00	'00 to '10
<b>State Total</b>	<b>1,108,229</b>	<b>1,211,537</b>	<b>1,360,301</b>	<b>9.3</b>	<b>12.3</b>
<b>Hawai'i County</b>	<b>120,317</b>	<b>148,677</b>	<b>185,079</b>	<b>23.6</b>	<b>24.5</b>
Puna	20,781	31,335	45,326	50.8	44.6
South Hilo	44,639	47,386	50,927	6.2	7.5
North Hilo	1,541	1,720	2,041	11.6	18.7
Hāmākua	5,545	6,108	6,513	10.2	6.6
North Kohala	4,291	6,038	6,322	40.7	4.7
South Kohala	9,140	13,131	17,627	43.7	34.2
North Kona	22,284	28,543	37,875	28.1	32.7
South Kona	7,658	8,589	9,997	12.2	16.4
Ka'ū	4,438	5,827	8,451	31.3	45.0
<b>City and Co. of Honolulu</b>	<b>836,231</b>	<b>876,156</b>	<b>953,207</b>	<b>4.8</b>	<b>8.8</b>
Honolulu	377,059	372,279	390,738	-1.3	5.0
Ko'olaupoko	117,694	117,994	115,164	0.3	-2.4
Ko'olauloa	18,443	18,899	21,406	2.5	13.3
Waialua	11,549	14,027	13,046	21.5	-7.0
Wahiawa	43,886	38,370	41,216	-12.6	7.4
Wai'anae	37,411	42,259	48,519	13.0	14.8
'Ewa	230,189	272,328	323,118	18.3	18.7
<b>Kaua'i County</b>	<b>51,177</b>	<b>58,463</b>	<b>67,091</b>	<b>14.2</b>	<b>14.8</b>
Hanalei	4,631	6,348	7,828	37.1	23.3
Kawaihau	15,627	18,525	20,992	18.5	13.3
Līhu'e	10,663	12,022	14,683	12.7	22.1
Kōloa	11,368	12,845	14,086	13.0	9.7
Waimea	8,888	8,723	9,502	-1.9	8.9
<b>Maui County</b>	<b>100,504</b>	<b>128,241</b>	<b>154,924</b>	<b>27.6</b>	<b>20.8</b>
Hāna	1,895	1,855	2,291	-2.1	23.5
Makawao	29,207	36,476	41,887	24.9	14.8
Wailuku	45,685	61,346	78,110	34.3	27.3
Lahaina	14,574	17,967	22,156	23.3	23.3
Lāna'i	2,426	3,193	3,135	31.6	-1.8
Moloka'i	6,587	7,257	7,255	10.2	0.0
Kalawao	130	147	90	13.1	-38.8

SOURCE: U.S. CENSUS BUREAU.

### 1.3.4

## POPULATION DENSITY BY CENSUS TRACT, HAWAII COUNTY

Tract	Name	Resident Population	Land Area (Sq. Miles)	Density/ Sq. Mile
<b>Hawai'i County</b>		<b>185,079</b>	<b>4,028.22</b>	<b>45.9</b>
201	Pauka'a-Wailea**	5,213	97.07	53.7
202.02*	Hilo: Upper Waiākea Forest Reserve	2,568	244.99	10.5
203	Hilo: Pu'u'eo-Downtown	3,934	1.27	3,095.3
204	Hilo: Villa Franca-Kaiko'o	3,294	1.04	3,157.4
205	Hilo: University-Houselots	5,924	2.35	2,518.2
206	Hilo: Keaukaha-Pana'ewa	5,391	18.72	288.0
207.01	Hilo: Puainako	4,507	1.82	2,472.1
207.02	Hilo: Kawaiiani	4,861	1.19	4,086.8
208.01	Hilo: Kahuku-Kaūmana**	4,310	11.68	369.0
208.02	Hilo: Pi'ihonua-Kaūmana	6,196	4.13	1,501.7
209	Hilo: Haihai	4,729	11.09	426.5
210.03*	Orchidland-Ainaloa	6,391	13.07	488.8
210.05*	Hawaiian Paradise Park	11,012	14.90	739.3
210.10*	Upper Puna (Puna Mauka)	7,884	58.45	134.9
210.11*	Volcano-Mt. View	4,009	94.53	42.4
210.13*	Kea'au	4,970	51.08	97.3
211.01*	Kalapana-Kapoho	3,531	41.06	86.0
211.06*	Pāhoa	7,529	226.86	33.2
212.02*	Ka'ū	8,451	934.54	9.0
213	South Kona	5,972	314.49	19.0
214.02*	Konawaena	4,025	16.19	248.5
215.02	Hualālai	4,844	359.37	13.5
215.04*	Kealakehe	3,965	11.98	330.9
215.07*	Kalaoa	8,503	94.37	90.1
215.09*	Kaumalumalu-Keahou	5,154	10.13	508.8
216.01	Kailua	7,822	6.82	1,147.4
216.04*	Hōlualoa	7,587	3.03	2,500.6
217.02	Waimea-Pu'u Anahulu	9,540	202.20	47.2
217.04*	Kawaihae-Waikoloa	8,087	141.30	57.2
218	North Kohala	6,322	140.97	44.8
219.02*	Honoka'a-Kukuihaele	3,925	115.35	34.0
220	Pa'auhau-Pa'auilo	2,588	464.17	5.6
221.02*	North Hilo	2,041	318.19	6.4

\* NEW 2010 CENSUS TRACT NUMBER.

\*\* CENSUS TRACT NUMBER EXISTED DURING THE CENSUS 2000, BUT TRACT NAME DIFFERS FROM THE CENSUS 2000 TRACT NAME.

SOURCE: U.S. CENSUS BUREAU, 2010 CENSUS REDISTRICTING DATA SUMMARY FILE (FEBRUARY 2011);  
CALCULATIONS BY HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.

### 1.3.5

## RESIDENT POPULATION AND HOUSEHOLDS BY CENSUS TRACT, HAWAII COUNTY

Census Tract	Name	Population	Households
<b>Hawai'i County</b>		<b>185,079</b>	<b>67,096</b>
201	Pauka'a-Wailea**	5,213	1,911
202.02*	Hilo: Upper Waiākea Forest Reserve	2,568	640
203	Hilo: Pu'u'eo-Downtown	3,934	1,623
204	Hilo: Villa Franca-Kaiko'o	3,294	1,278
205	Hilo: University-Houselots	5,924	2,131
206	Hilo: Keaukaha-Pana'ewa	5,391	1,729
207.01	Hilo: Puainako	4,507	1,745
207.02	Hilo: Kawaiiani	4,861	1,712
208.01	Hilo: Kahuku-Kaūmana**	4,310	1,381
208.02	Hilo: Pi'ihonua-Kaūmana	6,196	2,204
209	Hilo: Haihai	4,729	1,633
210.03*	Orchidland-Ainaloa	6,391	2,182
210.05*	Hawaiian Paradise Park	11,012	3,786
210.10*	Upper Puna (Puna Mauka)	7,884	3,297
210.11*	Volcano-Mt. View	4,009	1,476
210.13*	Kea'au	4,970	1,665
211.01*	Kalapana-Kapoho	3,531	1,644
211.06*	Pāhoa	7,529	2,723
212.02*	Ka'ū	8,451	3,154
213	South Kona	5,972	2,246
214.02*	Konawaena	4,025	1,468
215.02	Hualālai	4,844	1,816
215.04*	Kealakehe	3,965	1,169
215.07*	Kalaoa	8,503	3,012
215.09*	Kaumalumu-Keahou	5,154	1,992
216.01	Kailua	7,822	2,940
216.04*	Hōlualoa	7,587	3,037
217.02	Waimea-Pu'u Anahulu	9,540	3,273
217.04*	Kawaihae-Waikoloa	8,087	3,062
218	North Kohala	6,322	2,242
219.02*	Honoka'a-Kukuihaele	3,925	1,317
220	Pa'auhau-Pa'auilo	2,588	883
221.02*	North Hilo	2,041	725

\* NEW 2010 CENSUS TRACT NUMBER.

\*\* CENSUS TRACT NUMBER EXISTED DURING THE CENSUS 2000, BUT TRACT NAME DIFFERS FROM THE CENSUS 2000 TRACT NAME.

SOURCE: U.S. CENSUS BUREAU, 2010 CENSUS REDISTRICTING DATA SUMMARY FILE (FEBRUARY 2011);  
CALCULATIONS BY HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.

### 1.3.6

## SUMMARY CHARACTERISTICS OF PERSONS BY RACE HAWAII COUNTY CENSUS DESIGNATED PLACES

Place	Total population	White	Black or African American	American Indian & Alaska Native	Asian	Native Hawaiian & Pacific Islander	Some Other Race	Two or More Races
<b>Hawaii County</b>	<b>165,411</b>	<b>53,166</b>	<b>913</b>	<b>780</b>	<b>38,171</b>	<b>20,229</b>	<b>2,629</b>	<b>49,523</b>
Ainaloa CDP	2,965	855	19	14	427	436	34	1,180
Captain Cook CDP	3,429	1,078	23	13	948	366	74	927
Discovery Harbour CDP	949	537	7	5	96	67	16	221
Eden Roc CDP	942	435	4	5	42	94	4	358
Fern Acres CDP	1,504	591	9	6	99	176	11	612
Fern Forest CDP	931	459	7	8	73	99	6	279
Hala'ula CDP	469	72	3	0	146	33	15	200
Hawaiian Acres CDP	2,700	1,254	34	27	196	261	36	892
Hawaiian Beaches CDP	4,280	1,360	36	32	637	634	47	1,534
Hawaiian Ocean View CDP	4,437	2,162	27	42	245	886	97	978
Hawaiian Paradise Park CDP	11,404	3,958	89	69	2,148	1,341	120	3,679
Hawi CDP	1,081	244	1	3	203	131	18	481
Hilo CDP	43,263	7,617	227	132	14,833	6,132	258	14,064
Hōlualoa CDP	8,538	4,692	58	37	1,390	506	190	1,665
Honalo CDP	2,423	853	7	11	413	333	166	640
Hōnaunau-Nāpo'opo'o CDP	2,567	1,015	7	4	387	337	182	635
Honoka'a CDP	2,258	547	4	3	811	116	15	762
Honomū CDP	509	158	2	0	142	42	4	161
Kahalu'u-Keauhou CDP	3,549	2,252	23	14	262	312	92	493
Kailua CDP	11,975	4,400	53	71	2,172	1,822	444	3,013
Kalaea CDP	9,644	4,259	49	29	1,267	1,071	237	2,732



## 1.3.6

## CONTINUED

Place	Total population	White	Black or African American	American Indian & Alaska Native	Asian	Native Hawaiian & Pacific Islander	Some Other Race	Two or More Races
Kapa'au CDP	1,734	369	3	5	547	129	19	662
Kea'au CDP	2,253	279	5	4	1,172	169	10	614
Kealahou CDP	2,019	540	5	20	622	247	51	534
Kukuihaele CDP	336	107	0	2	47	24	4	152
Kurtistown CDP	1,298	253	3	4	465	122	9	442
Laupāhoehoe CDP	581	212	2	1	142	28	5	191
Leilani Estates CDP	1,560	989	21	28	95	96	19	312
Mountain View CDP	3,924	977	15	28	628	388	66	1,822
Nā'ālehu CDP	866	91	1	0	354	121	4	295
Nānāwale Estates CDP	1,426	515	18	31	225	161	16	460
Orchidlands Estates CDP	2,815	901	23	18	612	309	49	903
Pa'auilo CDP	595	91	0	1	214	41	2	246
Pāhala CDP	1,356	136	10	3	582	118	1	506
Pāhoa CDP	945	141	4	14	411	119	9	247
Pāpa'ikou CDP	1,314	259	1	1	539	145	13	356
Pauka'a CDP	425	174	0	3	139	26	3	80
Pepe'ekeo CDP	1,789	230	12	6	770	219	17	535
Puakō CDP	772	565	3	3	86	9	8	98
Volcano CDP	2,575	1,327	19	10	298	252	11	658
Waikoloa Village CDP	6,362	2,997	46	49	1,026	720	148	1,376
Waimea CDP	9,212	2,878	30	22	1,597	1,456	95	3,134
Wainaku CDP	1,224	307	3	2	509	85	2	316
Wai'ōhinu CDP	213	30	0	0	53	50	2	78

SOURCE: U.S. CENSUS BUREAU, 2010 CENSUS REDISTRICTING DATA (PUBLIC LAW 94-171) SUMMARY FILE TABLES P 1;  
EXTRACTED BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, HAWAII STATE DATA CENTER.

1.3.7

**POPULATION BY AGE GROUP AND GENDER RATIO  
HAWAII COUNTY CENSUS DESIGNATED PLACES**

Area	Population	Under 18	Percent of Total Population				Median Age	Males per 100 Females	
			18 to 24	25 to 44	45 to 64	65 and over		100 Males	100 Females
<b>Hawaii County</b>									
Ainaloa CDP	2,965	30.6	8.8	29.2	23.3	8.1	31.1	97.4	97.4
Captain Cook CDP	3,429	20.6	7.0	20.8	34.6	17.1	46.2	101.1	101.1
Discovery Harbour CDP	949	17.4	5.5	15.7	41.5	19.9	53.0	113.7	113.7
Eden Roc CDP	942	25.7	7.9	23.1	38.7	4.6	39.1	134.9	134.9
Fern Acres CDP	1,504	24.1	7.5	26.1	32.8	9.5	40.2	105.7	105.7
Fern Forest CDP	931	21.4	7.5	22.8	39.7	8.6	43.9	117.5	117.5
Hala'ula CDP	469	22.6	8.1	23.5	27.5	18.3	42.8	100.4	100.4
Hawaiian Acres CDP	2,700	23.2	6.9	23.1	38.2	8.6	42.1	107.4	107.4
Hawaiian Beaches CDP	4,280	27.3	8.5	21.4	29.7	13.0	38.4	100.3	100.3
Hawaiian Ocean View CDP	4,437	24.7	5.5	20.5	37.1	12.1	44.3	108.9	108.9
Hawaiian Paradise Park CDP	11,404	27.4	8.1	25.4	28.6	10.5	36.5	102.1	102.1
Hawi CDP	1,081	25.3	8.0	24.6	27.8	14.2	37.2	103.6	103.6
Hilo CDP	43,263	21.3	11.3	22.1	27.2	18.0	40.5	95.5	95.5
Hōlualoa CDP	8,538	19.4	5.9	26.1	33.5	15.1	43.7	101.5	101.5
Honalo CDP	2,423	23.6	8.6	28.0	26.7	13.1	36.5	103.6	103.6
Hōnaunau-Nāpo'opo'o CDP	2,567	20.1	7.4	22.5	34.4	15.7	45.0	111.3	111.3
Honoka'a CDP	2,258	23.8	6.6	24.4	25.0	20.1	41.2	95.5	95.5
Honomū CDP	509	19.1	6.7	24.2	31.4	18.7	45.1	101.2	101.2
Kahalu'u-Keauhou CDP	3,549	16.2	4.7	19.4	35.4	24.3	52.8	96.9	96.9
Kailua CDP	11,975	23.4	8.3	26.2	29.6	12.4	38.4	100.9	100.9
Kalaea CDP	9,644	22.4	7.7	27.1	32.2	10.6	39.7	102.0	102.0

1.3.7

CONTINUED

Area	Population	Under 18	Percent of Total Population				Median Age	Males per	
			18 to 24	25 to 44	45 to 64	65 and over		100	Females
Kapa'au CDP	1,734	25.0	7.4	23.6	27.0	17.1	40.6	95.9	
Kea'au CDP	2,253	23.7	9.5	21.7	27.9	17.2	41.1	99.6	
Kealakekua CDP	2,019	21.7	8.3	21.3	32.1	16.5	44.0	95.3	
Kukuihaele CDP	336	21.4	9.2	25.6	30.4	13.4	41.5	114.0	
Kurtistown CDP	1,298	22.6	8.9	20.2	32.1	16.3	44.1	99.4	
Laupāhoehoe CDP	581	23.9	5.0	21.5	32.5	17.0	44.6	105.3	
Leilani Estates CDP	1,560	17.4	6.9	21.7	40.5	13.4	47.4	113.1	
Mountain View CDP	3,924	29.6	8.8	24.0	28.0	9.7	34.3	96.9	
Nā'ālehu CDP	866	30.0	7.0	23.2	22.5	17.2	36.5	94.6	
Nānāwale Estates CDP	1,426	25.1	9.5	25.2	30.0	10.1	37.3	95.3	
Orchidlands Estates CDP	2,815	25.2	10.1	24.6	31.2	8.9	36.2	104.1	
Pa'aulo CDP	595	27.7	6.9	23.4	27.9	14.1	38.9	103.1	
Pāhala CDP	1,356	24.1	9.2	20.4	28.6	17.6	41.0	101.8	
Pāhoa CDP	945	22.3	7.3	23.2	29.8	17.4	41.6	105.0	
Pāpa'ikou CDP	1,314	21.5	9.4	22.7	26.2	20.2	42.4	91.5	
Pauka'a CDP	425	13.2	3.5	19.8	29.4	34.1	55.5	88.1	
Pepe'ekeo CDP	1,789	24.6	8.6	21.8	26.0	18.9	40.4	100.8	
Puakō CDP	772	11.5	3.6	15.4	46.9	22.5	55.6	107.5	
Volcano CDP	2,575	17.3	5.4	18.1	41.7	17.5	51.2	99.3	
Waikoloa Village CDP	6,362	25.1	6.5	27.3	31.5	9.6	38.9	100.4	
Waimea CDP	9,212	27.5	7.1	24.6	28.5	12.3	37.6	93.4	
Wainaku CDP	1,224	20.1	7.8	21.7	30.1	20.3	45.4	107.1	
Wai'ōhinu CDP	213	30.5	4.7	25.4	24.9	14.6	35.5	108.8	

SOURCE: U.S. CENSUS BUREAU, 2010 CENSUS SUMMARY FILE 1.

## 1.3.8

## POPULATION BY RACE HAWAI'I COUNTY

2014	Estimate	Percent
<b>Total population</b>	<b>194,190</b>	<b>100%</b>
One race	139,253	72%
Two or more races	54,937	28%
<b>One race</b>	<b>139,253</b>	<b>71.7%</b>
White	65,329	33.6%
Black or African American	1,504	0.8%
American Indian and Alaska Native	669	0.3%
Asian	44,972	23.2%
Asian Indian	701	0.4%
Chinese	2,089	1.1%
Filipino	20,663	10.6%
Japanese	15,359	7.9%
Korean	1,851	1.0%
Vietnamese	109	0.1%
Other Asian	4,200	2.2%
Native Hawaiian and Other Pacific Islander	24,787	12.8%
Native Hawaiian	20,322	10.5%
Guamanian or Chamorro	43	0.0%
Samoan	796	0.4%
Other Pacific Islander	3,626	1.9%
Some other race	1,992	1.0%
<b>Hispanic or Latino (of any race)</b>	<b>23,964</b>	<b>12.3%</b>
Mexican	8,195	4.2%
Puerto Rican	8,734	4.5%
Other Hispanic or Latino	7,035	3.6%
<b>Two or more races</b>	<b>54,937</b>	<b>28.3%</b>
White and Black or African American	1,317	0.7%
White and American Indian and Alaska Native	1,921	1.0%
White and Asian	9,540	4.9%

SOURCE: U.S. CENSUS BUREAU, 2014 AMERICAN COMMUNITY SURVEY.

### 1.3.9

## COMPONENTS OF CHANGE IN THE RESIDENT POPULATION OF HAWAII COUNTY

Change	Births	Deaths	Natural Increase	Net International Migration	Net Domestic Migration	Numeric Population Change
7/1/2004 to 7/1/2005	2,274	1,197	1,077	488	3,273	4,662
7/1/2005 to 7/1/2006	2,275	1,299	976	493	3,225	4,573
7/1/2006 to 7/1/2007	2,454	1,401	1,053	441	2,121	3,610
7/1/2007 to 7/1/2008	2,550	1,482	1,068	435	1,609	3,112
7/1/2008 to 7/1/2009	2,573	1,416	1,157	393	-46	1,518
7/1/2009 to 7/1/2010	2,380	1,378	1,002	391	-112	1,297
7/1/2010 to 7/1/2011	2,376	1,397	979	549	-159	1,357
7/1/2011 to 7/1/2012	2,382	1,485	897	758	316	1,962
7/1/2012 to 7/1/2013	2,474	1,737	737	589	784	2,246
7/1/2013 to 7/1/2014	2,447	1,721	726	770	1,221	2,781
7/1/2014 to 7/1/2015	2,506	1,780	726	765	798	2,412

NOTES: NET INTERNATIONAL MIGRATION CONSISTS OF

- (1) LEGAL IMMIGRATION TO THE UNITED STATES AS REPORTED BY THE IMMIGRATION AND NATURALIZATION SERVICE,
- (2) AN ESTIMATE OF NET UNDOCUMENTED IMMIGRATION FROM ABROAD,
- (3) AN ESTIMATE OF EMIGRATION FROM THE UNITED STATES, AND
- (4) NET MOVEMENT BETWEEN PUERTO RICO AND THE (BALANCE OF) THE UNITED STATES.

NET DOMESTIC MIGRATION IS THE DIFFERENCE BETWEEN DOMESTIC IN-MIGRATION TO AN AREA AND DOMESTIC OUT-MIGRATION FROM IT DURING THE PERIOD. DOMESTIC IN-MIGRATION AND OUT-MIGRATION CONSIST OF MOVES WHERE BOTH THE ORIGINS AND DESTINATIONS ARE WITHIN THE UNITED STATES (EXCLUDING PUERTO RICO).

SOURCE: U.S. CENSUS BUREAU, POPULATION DIVISION, VINTAGE 2010 POPULATION ESTIMATES: STATE AND COUNTY COMPONENTS OF POPULATION CHANGE: APRIL 1, 2000 TO JULY 1, 2010 (RELEASED MARCH 2012),  
ESTIMATES OF THE COMPONENTS OF RESIDENT POPULATION CHANGE: APRIL 1, 2010 TO JULY 1, 2015.

### 1.3.10

## MARRIAGES BY RESIDENCY HAWAI'I COUNTY

Residency	2009	2010	2011	2012	2013	2014	2015
One or both is a Resident	963	994	971	915	940	991	
Both are Non-Residents	1,387	1,412	1,438	1,446	1,486	1,642	
One or both is a Non-Resident <sup>1</sup>							2,048
Both are Residents							485
<b>Total</b>	<b>2,350</b>	<b>2,406</b>	<b>2,409</b>	<b>2,361</b>	<b>2,426</b>	<b>2,633</b>	<b>2,533</b>

1. IN 2015, THE DEFINITION DIFFERS FROM PREVIOUS NON-RESIDENT MARRIAGE DATA.

SOURCE: STATE OF HAWAI'I, DEPARTMENT OF HEALTH, VITAL STATISTICS.

### 1.3.11

## MARRIAGES WHERE BOTH ARE NON-RESIDENTS HAWAI'I COUNTY

	2010	2011	2012	2013	2014	2015 <sup>1</sup>
January	69	97	89	110	136	128
February	88	110	121	107	147	114
March	118	123	107	133	108	141
April	113	107	104	111	138	136
May	158	141	120	151	161	172
June	131	121	129	135	163	141
July	147	113	133	117	128	134
August	131	124	131	115	167	137
September	102	142	127	118	133	110
October	164	122	138	149	136	172
November	106	147	117	120	114	118
December	85	91	130	120	111	119

1. WHERE ONE OR BOTH IS A NON-RESIDENT, STARTING JANUARY 2015.

SOURCE: STATE OF HAWAI'I, DEPARTMENT OF HEALTH, VITAL STATISTICS.

### 1.3.12

## LIVE BIRTHS BY ZIP CODE HAWAI'I COUNTY

*Calendar year and place of mother's residence*

Zip Code	Location	2008	2009	2010	2011	2012	2013
96704	Captain Cook	70	70	65	70	72	73
96710	Hakalau	n/r	n/r	n/r	7	6	7
96718	Hawai'i National Park	n/r	n/r	n/r	n/r	n/r	n/r
96719	Hawi	23	16	25	19	23	26
96720	Hilo	661	589	611	621	614	525
96721	Hilo PO Boxes	n/r	n/r	n/r	n/r	n/r	n/r
96725	Hōlualoa	56	42	52	44	57	38
96726	Hōnaunau	22	25	23	23	10	11
96727	Honoka'a	69	62	75	72	69	66
96728	Honomū	7	9	8	7	n/r	6
96737	Ocean View	62	45	58	49	38	49
96738	Waikoloa	87	106	97	97	75	106
96739	Keauhou	n/r	n/r	n/r	n/r	n/r	n/r
96740	Kailua-Kona	489	473	424	452	469	464
96743	Kamuela	167	152	134	161	150	150
96745	Kailua-Kona PO Boxes	n/r	n/r	n/r	n/r	8	n/r
96749	Kea'au	234	251	220	224	221	231
96750	Kealahou	75	73	74	48	56	87
96755	Kapa'au	39	31	19	47	41	19
96760	Kurtistown	40	32	33	38	38	44
96764	Laupāhoehoe	15	8	7	8	10	10
96771	Mountain View	92	111	103	118	88	106
96772	Nā'ālehu	34	30	23	21	28	24
96773	Ninole	n/r	n/r	n/r	n/r	n/r	n/r
96774	'O'ōkala	7	7	n/r	n/r	n/r	n/r
96776	Pa'auilo	14	18	12	11	12	16
96777	Pāhala	21	21	15	17	16	22
96778	Pāhoa	223	194	195	201	205	222
96780	Pāpa'aloa	n/r	8	9	7	10	6
96781	Pāpa'ikou	27	16	21	19	10	18
96783	Pepe'ekeo	30	40	33	38	46	37
96785	Volcano	28	24	22	17	19	27
	Unknown	26	19	28	29	20	21
<b>Total</b>		<b>2,618</b>	<b>2,472</b>	<b>2,386</b>	<b>2,465</b>	<b>2,411</b>	<b>2,411</b>

n/r: NOT REPORTABLE, WHERE THE NUMBER OF BIRTHS IS BETWEEN 1 AND 5.

SOURCE: HAWAI'I HEALTH DATA WAREHOUSE; HAWAI'I STATE DEPARTMENT OF HEALTH, OFFICE OF HEALTH STATUS MONITORING, VITAL STATISTICS, LIVE BIRTHS BY MOTHER'S ZIP CODE, DECEMBER 30, 2015.

### 1.3.13

## CHARACTERISTICS OF LIVE BIRTHS HAWAI'I COUNTY

Characteristic	2012	Percent	2013	Percent	2014	Percent
<b>Births by County of Residence</b>						
Hawai'i County	2,410	100%	2,407	100%	2,430	100.0%
<b>Ethnicity of Child</b>						
Caucasian	307	12.7%	339	14.1%	367	15.1%
Native Hawaiian	1,339	55.6%	1,336	55.5%	1,330	54.7%
Chinese	47	2.0%	42	1.7%	40	1.6%
Filipino	208	8.6%	195	8.1%	182	7.5%
Japanese	123	5.1%	98	4.1%	101	4.2%
All Others	386	16.0%	397	16.5%	410	16.9%
Total	2,410	100.0%	2,407	100.0%	2,430	100.0%
<b>Ethnicity of Mother</b>						
Caucasian	460	19.1%	467	19.4%	523	21.5%
Native Hawaiian	1,014	42.1%	1,042	43.3%	1,031	42.4%
Chinese	74	3.1%	64	2.7%	70	2.9%
Filipino	283	11.7%	277	11.5%	267	11.0%
Japanese	152	6.3%	126	5.2%	109	4.5%
All Others	427	17.7%	431	17.9%	430	17.7%
Total	2,410	100.0%	2,407	100.0%	2,430	100.0%

SOURCE: HAWAI'I HEALTH DATA WAREHOUSE; HAWAI'I STATE DEPARTMENT OF HEALTH, OFFICE OF HEALTH STATUS MONITORING, VITAL STATISTICS,  
FEBRUARY 22, 2016.



### 1.3.14

## TOTAL RESIDENT POPULATION PROJECTIONS BY 5-YEAR AGE GROUP, HAWAII COUNTY 2010-2040

Age group (years)	2010 <sup>1</sup>	2015	2020	2025	2030	2035	2040
0 - 4	11,671	13,759	15,548	16,988	18,222	19,530	21,093
5 - 9	11,351	12,300	14,389	16,179	17,619	18,853	20,162
10 - 14	11,432	11,890	12,840	14,929	16,719	18,158	19,393
15 - 19	11,942	12,198	12,657	13,608	15,696	17,485	18,924
20 - 24	10,737	13,634	13,893	14,356	15,307	17,391	19,178
25 - 29	11,143	12,372	15,260	15,526	15,990	16,942	19,022
30 - 34	10,904	12,127	13,354	16,236	16,506	16,972	17,925
35 - 39	10,371	11,656	12,877	14,105	16,976	17,250	17,720
40 - 44	10,833	11,012	12,294	13,516	14,742	17,599	17,880
45 - 49	12,649	11,380	11,567	12,850	14,068	15,290	18,130
50 - 54	14,966	12,975	11,747	11,952	13,229	14,443	15,661
55 - 59	15,950	15,166	13,247	12,074	12,292	13,562	14,771
60 - 64	13,769	15,946	15,223	13,404	12,287	12,518	13,780
65 - 69	9,349	13,434	15,557	14,918	13,215	12,173	12,420
70 - 74	5,985	8,852	12,677	14,722	14,177	12,625	11,682
75 - 79	4,729	5,449	8,052	11,541	13,469	13,042	11,683
80 - 84	3,938	3,974	4,622	6,867	9,891	11,641	11,363
85 +	3,687	4,551	5,071	5,866	8,107	11,859	15,536
<b>Total</b>	<b>185,406</b>	<b>202,674</b>	<b>220,878</b>	<b>239,635</b>	<b>258,513</b>	<b>277,335</b>	<b>296,322</b>
Share (%)	2010 <sup>1</sup>	2015	2020	2025	2030	2035	2040
0 - 4	6.3	6.8	7.0	7.1	7.0	7.0	7.1
5 - 9	6.1	6.1	6.5	6.8	6.8	6.8	6.8
10 - 14	6.2	5.9	5.8	6.2	6.5	6.5	6.5
15 - 19	6.4	6.0	5.7	5.7	6.1	6.3	6.4
20 - 24	5.8	6.7	6.3	6.0	5.9	6.3	6.5
25 - 29	6.0	6.1	6.9	6.5	6.2	6.1	6.4
30 - 34	5.9	6.0	6.0	6.8	6.4	6.1	6.0
35 - 39	5.6	5.8	5.8	5.9	6.6	6.2	6.0
40 - 44	5.8	5.4	5.6	5.6	5.7	6.3	6.0
45 - 49	6.8	5.6	5.2	5.4	5.4	5.5	6.1
50 - 54	8.1	6.4	5.3	5.0	5.1	5.2	5.3
55 - 59	8.6	7.5	6.0	5.0	4.8	4.9	5.0
60 - 64	7.4	7.9	6.9	5.6	4.8	4.5	4.7
65 - 69	5.0	6.6	7.0	6.2	5.1	4.4	4.2
70 - 74	3.2	4.4	5.7	6.1	5.5	4.6	3.9
75 - 79	2.6	2.7	3.6	4.8	5.2	4.7	3.9
80 - 84	2.1	2.0	2.1	2.9	3.8	4.2	3.8
85 +	2.0	2.2	2.3	2.4	3.1	4.3	5.2
<b>Total</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>	<b>100.0</b>

1. JULY ESTIMATES, SOURCE : U.S. CENSUS BUREAU.

SOURCE: STATE OF HAWAII, DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, RESEARCH AND ECONOMIC ANALYSIS DIVISION,  
"POPULATION AND ECONOMIC PROJECTIONS FOR THE STATE OF HAWAII TO 2040", MARCH 2012.

### 1.3.15

## ECONOMIC PROJECTIONS HAWAI'I COUNTY 2010 TO 2040

	2010	2015	2020	2025	2030	2035	2040
Total personal income (mil. 2005 \$) <sup>1</sup>	5,040	5,840	6,700	7,580	8,450	9,280	10,120
Total civilian wage and salary jobs	66,310	70,990	75,660	80,070	84,520	88,810	93,090
Agriculture	2,610	2,620	2,620	2,610	2,600	2,590	2,580
Mining and construction	3,360	3,550	3,730	3,870	3,980	4,090	4,200
Food processing	680	700	710	720	740	740	750
Other manufacturing	540	540	530	530	520	510	500
Transportation	2,240	2,360	2,450	2,510	2,570	2,620	2,670
Information	780	780	850	890	950	1,000	1,040
Utilities	520	570	610	650	690	720	750
Wholesale trade	1,610	1,690	1,750	1,810	1,860	1,910	1,950
Retail trade	8,990	9,280	9,520	9,690	9,820	9,910	9,960
Finance and insurance	1,150	1,180	1,210	1,240	1,250	1,250	1,250
Real estate and rentals	1,700	1,690	1,680	1,660	1,640	1,620	1,590
Professional services	1,410	1,540	1,680	1,790	1,910	2,010	2,110
Business services	3,380	3,930	4,530	5,150	5,780	6,440	7,110
Educational services	1,380	1,600	1,820	2,060	2,290	2,530	2,770
Health services	6,810	8,020	9,320	10,700	12,150	13,640	15,150
Arts and entertainment	1,640	1,710	1,760	1,780	1,800	1,810	1,810
Hotels	5,620	5,970	6,250	6,430	6,630	6,830	7,040
Eating and drinking	5,350	5,860	6,330	6,740	7,160	7,560	7,950
Other services	2,380	2,470	2,540	2,590	2,610	2,620	2,620
Government	14,160	14,940	15,790	16,660	17,570	18,430	19,290
Visitor Arrivals (1,000)	1,281	1,450	1,520	1,600	1,690	1,780	1,880
Visitor Days (1,000)	9,033	10,270	10,710	11,310	11,930	12,600	13,290
Visitor Expenditures (mil. 2005\$)	1,162	1,414	1,512	1,593	1,679	1,770	1,865
Hotel Rooms	11,595	11,600	11,600	11,600	12,120	12,790	13,460
Hotel Occupancy Rate	56.4	64.9	67.5	71.5	72.2	72.2	72.2

NOTE: \*PROJECTED VALUES WERE ROUNDED TO THE NEAREST TEN.

1. COUNTY FIGURES FOR 2010 ARE DBEDT ESTIMATES.

SOURCE: STATE OF HAWAI'I, DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, RESEARCH AND ECONOMIC ANALYSIS DIVISION, "POPULATION AND ECONOMIC PROJECTIONS FOR THE STATE OF HAWAI'I TO 2040", MARCH 2012.

## 1.4.1

### PERSONAL INCOME, TOTAL AND PER CAPITA BY COUNTY

Year <sup>1</sup>	Hawai'i County	Kaua'i County	Maui County <sup>2</sup>	City & County of Honolulu	State Total
<b>Total Personal Income, (x\$1,000)</b>					
2000	3,265,140	1,441,430	3,255,020	27,146,382	35,107,972
2001	3,482,038	1,483,646	3,419,178	27,961,960	36,346,822
2002	3,712,168	1,564,588	3,617,057	29,153,052	38,046,865
2003	3,902,053	1,638,599	3,794,377	30,513,893	39,848,922
2004	4,277,587	1,799,177	4,166,729	32,841,336	43,084,829
2005	4,699,065	1,932,649	4,510,885	34,968,191	46,110,790
2006	5,099,384	2,085,448	4,947,834	37,484,293	49,616,959
2007	5,493,405	2,254,806	5,272,925	39,637,385	52,658,521
2008	5,850,057	2,369,046	5,529,610	41,729,138	55,477,851
2009	5,638,330	2,314,033	5,256,613	42,131,389	55,340,365
2010	5,756,548	2,369,005	5,428,448	43,178,434	56,732,435
2011	5,966,240	2,475,088	5,677,219	45,060,846	59,179,393
2012	6,276,535	2,600,635	6,061,880	47,044,902	61,983,952
2013	6,424,990	2,670,325	6,086,180	47,255,799	62,437,294
2014	6,771,329	2,830,508	6,432,812	49,313,300	65,347,949
<b>Per Capita Income, in (\$)</b>					
2000	21,878	24,611	25,217	30,967	28,931
2001	22,955	25,115	25,819	31,676	29,648
2002	24,015	26,085	26,876	32,739	30,693
2003	24,628	26,948	27,576	34,120	31,850
2004	26,267	28,975	29,630	36,169	33,830
2005	27,931	30,744	31,446	38,084	35,669
2006	29,385	32,860	33,941	40,438	37,883
2007	30,908	34,964	35,600	42,836	40,024
2008	32,231	36,112	36,517	44,693	41,643
2009	30,705	34,788	34,269	44,670	41,093
2010	31,062	35,244	35,006	45,150	41,594
2011	31,898	36,506	36,194	46,620	42,938
2012	33,219	37,936	38,240	48,165	44,504
2013	33,567	38,323	37,831	47,877	44,314
2014	34,870	40,163	39,439	49,722	46,034

1. THE ESTIMATES OF LOCAL AREA PERSONAL INCOME WERE REVISED FOR THE 1969 TO 2013 PERIOD.

2. INCLUDING KALAWAO.

SOURCE: U.S. DEPARTMENT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS, "LOCAL AREA PERSONAL INCOME, 2014"; AND INTERACTIVE DATA LOCAL AREA PERSONAL INCOME AND EMPLOYMENT, "CA1 PERSONAL INCOME SUMMARY: PERSONAL INCOME, POPULATION, PER CAPITA PERSONAL INCOME", NOVEMBER 19, 2015.

## 1.4.2

# EARNINGS BY DETAILED INDUSTRY HAWAI'I COUNTY, 2014

*In thousands of dollars*

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<b>Personal income</b>	<b>6,771,329</b>
<b>Population (persons)</b>	<b>194,190</b>
<b>Per capita personal income (dollars)</b>	<b>34,870</b>
<b>Earnings by place of work</b>	<b>4,056,999</b>
less: Contributions for government social insurance	480,655
Employee and self-employed contributions for government social insurance	258,398
Employer contributions for government social insurance	222,257
plus: Adjustment for residence	11,453
equals: Net earnings by place of residence	3,587,797
plus: Dividends, interest, and rent	1,470,300
plus: Personal current transfer receipts	1,713,232
<b>Wage and salary disbursements</b>	<b>2,770,870</b>
<b>Supplements to wages and salaries</b>	<b>777,636</b>
Employer contributions for employee pension and insurance funds	555,379
Employer contributions for government social insurance	222,257
<b>Proprietors' income</b>	<b>508,493</b>
Farm proprietors' income	-4,282
Nonfarm proprietors' income	512,775
<b>Farm earnings</b>	<b>89,499</b>
<b>Nonfarm earnings</b>	<b>3,967,500</b>
<b>Private earnings</b>	<b>2,961,535</b>
Forestry, fishing, and related activities	(D)
Mining	(D)
Utilities	84,260
Construction	340,250

## 1.4.2

### CONTINUED

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Manufacturing	70,287
Durable goods manufacturing	16,314
Nondurable goods manufacturing	53,973
Wholesale trade	(D)
Retail trade	347,324
Transportation and warehousing	(D)
Information	43,598
Finance and insurance	68,298
Real estate and rental and leasing	183,367
Professional, scientific, and technical services	(D)
Management of companies and enterprises	(D)
Administrative and waste services	(D)
Educational services	(D)
Health care and social assistance	(D)
Arts, entertainment, and recreation	(D)
Accommodation and food services	(D)
Other services, except public administration	176,844
<b>Government and government enterprises</b>	<b>1,005,965</b>
Federal, civilian	121,902
Military	42,772
State and local	841,291
State government	633,053
Local government	208,238

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(D): NOT SHOWN TO AVOID DISCLOSURE OF CONFIDENTIAL INFORMATION, BUT THE ESTIMATES FOR THIS ITEM ARE INCLUDED IN TOTALS.

SOURCE: U.S. DEPARTMENT OF COMMERCE, BUREAU OF ECONOMIC ANALYSIS, NOVEMBER 19, 2015.

### 1.4.3

## CONSUMER PRICE INDEX (ALL ITEMS COMBINED) BY TYPE OF CONSUMER: HONOLULU

Year	All urban consumers (CPI-U)			Urban wage earners and clerical workers (CPI-W)		
	Annual average	First half	Second half	Annual average	First half	Second half
1994	164.5	163.4	165.7	164.7	163.5	165.8
1995	168.1	166.9	169.4	168.4	167.2	169.7
1996	170.7	170.5	171.0	171.0	170.8	171.2
1997	171.9	172.1	171.8	172.2	172.4	172.0
1998	171.5	172.0	171.0	171.6	172.3	171.0
1999	173.3	172.7	173.8	173.4	173.0	173.9
2000	176.3	175.9	176.7	176.5	176.0	176.9
2001	178.4	178.1	178.7	179.1	178.6	179.5
2002	180.3	180.1	180.4	180.6	180.4	180.7
2003	184.5	183.2	185.7	184.3	183.4	185.3
2004	190.6	189.2	191.9	190.2	188.8	191.5
2005	197.8	195.0	200.6	197.2	194.6	199.8
2006	209.4	206.4	212.3	208.5	205.6	211.4
2007	219.504 <sup>1</sup>	216.620	222.388	218.541	215.681	221.401
2008	228.861	227.334	230.387	228.344	226.738	229.950
2009	230.048	228.070	232.026	228.773	226.462	231.084
2010	234.869	233.822	235.916	234.020	233.089	234.951
2011	243.622	241.902	245.342	242.532	240.874	244.190
2012	249.474	248.646	250.303	248.569	248.003	249.135
2013	253.924	253.202	254.646	252.178	251.663	252.694
2014	257.589	255.989	259.190	254.757	253.417	256.098
2015	260.165	257.848	262.482	255.969	254.057	257.881

NOTE: SEE INTRODUCTION (GENERAL STATISTICS) FOR CPI-U AND CPI-W DEFINITIONS.

1. U.S. BUREAU OF LABOR STATISTICS INSTITUTED A 3-DECIMAL PRESENTATION BEGINNING JANUARY 2007.

SOURCE: U.S. BUREAU OF LABOR STATISTICS.

## 1.4.4

### NONFOREIGN AREA COST-OF-LIVING ALLOWANCES FEDERAL EMPLOYEES IN HAWAII RELATIVE TO WASHINGTON, D.C., BY COUNTY

County	2010			2011			2012-2015			2016	
	COLA Rates (%)	Payable Locality Rates (%)	Full Locality Rates (%)	COLA Rates (%)	Payable Locality Rates (%)	Full Locality Rates (%)	COLA Rates (%)	Payable Locality Rates (%)	Full Locality Rates (%)	COLA Rates (%)	Locality Rates (%)
Honolulu	20.94	4.72	14.16	16.07	11.01	16.51	12.25	16.51	16.51	12.05	16.81
Hawaii	14.26	4.72	14.16	9.76	11.01	16.51	6.24	16.51	16.51	6.05	16.81
Kaua'i	20.94	4.72	14.16	16.07	11.01	16.51	12.25	16.51	16.51	12.05	16.81
Maui <sup>1</sup>	20.94	4.72	14.16	16.07	11.01	16.51	12.25	16.51	16.51	12.05	16.81

1. INCLUDING KALAWAO COUNTY.

NOTE: THE FULL LOCALITY RATES ARE USED TO COMPUTE THE PHASED-IN PAYABLE LOCALITY RATES USING A 1/3RD FACTOR IN 2010, A 2/3RDS FACTOR IN 2011, AND A 3/3RDS FACTOR IN 2012. ALSO, THE FULL LOCALITY RATES WERE USED IN COMPUTING RETIREMENT-CREDITABLE BASIC PAY AND RETIREMENT CONTRIBUTION DEPOSITS FOR EMPLOYEES WHO MADE AN ELECTION UNDER NAREAA SECTION 1917. AS PROVIDED UNDER THE NONFOREIGN AREA RETIREMENT EQUITY ASSURANCE ACT OF 2009 (NAREAA) (SUBTITLE B OF TITLE XIX OF THE NATIONAL DEFENSE AUTHORIZATION ACT FOR FISCAL YEAR 2010 (PUBLIC LAW 111-84, OCTOBER 28, 2009)), THE LOCALITY RATE FOR EACH NONFOREIGN AREA WILL BE SET AT TWO-THIRDS OF THE APPLICABLE LOCALITY RATE IN JANUARY 2011 AND THE FULL APPLICABLE LOCALITY RATE IN JANUARY 2012. EMPLOYEES IN NONFOREIGN AREAS, E.G. HAWAII, HAVE CORRESPONDING REDUCTIONS IN THEIR COST-OF-LIVING ALLOWANCES (COLAs) WHEN LOCALITY RATES INCREASE.

SOURCE: U.S. OFFICE OF PERSONNEL MANAGEMENT, "COLA AND LOCALITY PAY RATES IN NONFOREIGN AREAS 2009-2015 AND 2016".

## 1.4.5

### DETAILED CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS (CPI-U): HONOLULU

1982-1984 Average = 100 unless otherwise noted

Group	2011	2012	2013	2014	2015
<b>All Items</b>	243.622	249.474	253.924	257.589	260.165
<b>Food and Beverages</b>	232.656	242.786	250.922	256.023	267.041
Food	233.256	243.315	250.720	256.204	267.643
Food at home	243.147	251.257	254.618	260.591	267.011
Food away from home	219.140	230.345	241.201	247.703	262.972
Alcoholic Beverages	222.459	233.299	251.786	250.982	255.672
<b>Housing</b>	260.606	265.473	269.885	273.499	276.047
Shelter	277.348	280.702	285.979	289.519	298.217
Rent of Primary Residence	271.986	278.121	281.572	287.813	295.635
Owners' equivalent rent	287.113	289.858	296.499	298.747	308.127
<b>Fuels and Utilities</b>	335.109	360.247	363.734	375.685	329.285
Household energy	305.047	327.002	326.966	334.996	267.540
Energy services*	300.711	322.344	322.311	330.151	262.786
Electricity	295.459	318.271	318.855	327.118	260.267
Utility (piped) gas service	336.101	341.478	328.520	331.538	267.090
<b>Household Furnishings and operations</b>	153.134	153.086	153.196	151.278	149.060
<b>Apparel</b>	118.394	121.481	119.011	111.141	108.893
<b>Transportation</b>	229.223	231.275	233.133	236.373	216.756
Private Transportation	227.249	235.881	236.516	237.308	212.590
<b>Motor Fuel</b>	311.585	329.113	324.575	317.398	229.138
Gasoline (All types)	320.614	338.599	333.975	326.302	235.085
Gasoline, unleaded regular	340.371	360.067	355.142	346.012	247.260
Gasoline, unleaded midgrade <sup>1</sup>	249.720	263.366	259.349	257.427	189.913
Gasoline, unleaded premium	283.383	298.215	294.709	287.258	209.894



## 1.4.5

### CONTINUED

Group	2011	2012	2013	2014	2015
<b>Medical Care</b>	324.180	334.441	345.184	351.763	378.876
<b>Recreation<sup>2</sup></b>	110.473	113.961	116.818	119.586	121.840
<b>Education and Communication<sup>2</sup></b>	132.248	137.276	139.423	143.488	147.869
<b>Other goods and services</b>	433.536	440.428	447.178	457.958	478.634
<b>Special Aggregate Indexes</b>					
All items less shelter	229.363	236.406	240.466	244.165	243.833
All items less medical care	239.355	244.988	249.131	252.635	253.811
All items less energy	241.020	245.982	251.027	255.021	262.680
All items less food and energy	243.891	247.841	252.469	256.238	263.255
Commodities	192.510	198.400	200.602	201.057	197.792
Commodities less food	167.835	171.385	171.027	169.051	158.807
Nondurables	221.716	230.568	233.677	234.514	230.105
Nondurables less food	209.303	216.645	215.900	212.561	193.935
Nondurables less food and beverage	208.464	215.562	213.540	210.020	189.890
Services	288.467	294.510	300.849	307.192	314.368
Services less rent of shelter <sup>3</sup>	302.484	312.316	320.021	330.028	335.192
Services less medical care	284.353	290.148	295.971	302.124	307.041

\* PREVIOUSLY CALLED 'GAS (PIPED) AND ELECTRICITY'.

1. DECEMBER 1993= 100.

2. DECEMBER 1997= 100.

3. DECEMBER 1982= 100.

SOURCE: U.S. BUREAU OF LABOR STATISTICS, CONSUMER PRICE INDEX-ALL URBAN CONSUMERS (CPI-U).

### 1.5.1

## CAPACITIES OF HOSPITALS AND SPECIALTY CARE FACILITIES HAWAII COUNTY

*Data are for facilities recognized by the Hawai'i State Health Planning and Development Agency  
Area by Type of Beds by Facility for the Calendar Year 2014*

Facility	Licensed Beds	Inpatient Days	Admis- sions	Average Stay	Occupant Rate
<b>Medical/Surgical</b>					
Hilo Medical Center	83	30,110	4,392	6.9	99.39
Kona Community Hospital	49	9,453	1,640	5.8	52.85
North Hawai'i Community Hospital	26	4,696	1,175	4.0	49.48
<b>Critical Care</b>					
Hilo Medical Center	11	3,379	1,135	3.0	84.16
Kona Community Hospital	9	1,320	660	2.0	40.18
North Hawai'i Community Hospital	4	615	83	7.4	42.12
<b>Obstetric</b>					
Hilo Medical Center	20	2,369	1,244	1.9	32.45
Kona Community Hospital	7	1,333	525	2.5	52.17
North Hawai'i Community Hospital	5	995	559	1.8	54.52
<b>Pediatric</b>					
Hilo Medical Center	8	407	194	2.1	13.94
<b>Psychiatric</b>					
Hilo Medical Center	20	2,414	483	5.0	33.07
Kona Community Hospital	11	2,405	331	7.3	59.90
<b>SNF</b>					
Hilo Medical Center	52	8,697	373	23.3	45.82
Kona Community Hospital	18	2,518	139	18.1	38.33
<b>ICF</b>					
Hilo Medical Center	82	27,960	38	735.8	93.42
<b>Acute/SNF</b>					
Hale Ho'ola Hamakua	11	1,229	56	21.9	30.61
Ka'u Hospital	5	157	31	5.1	8.60
Kohala Hospital	4	310	21	14.8	21.23
<b>SNF/ICF</b>					
Hale Anuenue Restorative Care Center	120	41,055	196	209.5	93.73
Hale Ho'ola Hamakua	66	20,159	32	630.0	83.68
Ka'u Hospital	16	4,973	10	497.3	85.15
Kohala Hospital	24	8,117	8	1,014.6	92.66
Life Care Center of Hilo	252	86,305	249	346.6	93.83
Life Care Center of Kona	94	31,513	207	152.2	91.85
Yukio Okutsu State Veterans Home - Hilo	95	31,481	133	236.7	90.79
<b>Hawai'i County Total</b>	<b>1,092</b>	<b>323,970</b>	<b>13,914</b>	<b>158.2</b>	<b>59.36</b>

SNF= SKILLED NURSING FACILITY, ICF = INTERMEDIATE CARE FACILITY

SOURCE: HAWAII STATE DEPARTMENT OF HEALTH, STATE HEALTH PLANNING AND DEVELOPMENT AGENCY, HEALTH CARE UTILIZATION REPORT 2014

## 1.5.2

## ADULT RESIDENTIAL CARE HOMES HAWAII COUNTY

*Data are for facilities recognized by the Hawaii State Department of Health,  
Office of Health Care Assurance*

Location	Facilities	Beds	Persons age 65+ <sup>1</sup>	Beds per 1,000 persons age 65+
<b>Type I (up to 5 beds)</b>				
Captain Cook	2	8	587	13.63
Hilo	25	116	7,807	14.86
Honoka'a	1	3	454	6.61
Kailua-Kona	5	24	1,484	16.17
Kamuela/ Waimea	1	5	1,132	4.42
Kapa'au	1	5	296	16.89
Kea'au	8	38	387	98.19
Nā'ālehu	2	9	149	60.40
Pāhala	1	4	239	16.74
Pāpa'ikou	1	4	266	15.04
Pauka'a	2	6	145	41.38
Pepe'ekeo	2	7	339	20.65
Hawaii County	51	229	26,834	8.53
City and County of Honolulu	375	1,790	138,490	12.93
Kaua'i County	10	43	9,985	4.31
Maui County	13	60	19,803	3.03
<b>State Total</b>	<b>449</b>	<b>2,122</b>	<b>195,112</b>	<b>10.88</b>
<b>Type II (more than 5 beds)</b>				
Hawaii County	0	0	26,834	0.00
City and County of Honolulu	34	513	138,490	3.70
Kaua'i County	0	0	9,985	0.00
Maui County	1	22	19,803	1.11
<b>State Total</b>	<b>35</b>	<b>535</b>	<b>195,112</b>	<b>2.74</b>

1. U.S. CENSUS BUREAU, CENSUS 2010.

SOURCE: HAWAII STATE DEPARTMENT OF HEALTH, OFFICE OF HEALTH CARE ASSURANCE, COMBINED ADULT RESIDENTIAL CARE HOMES AND EXPANDED ADULT RESIDENTIAL CARE HOMES VACANCY REPORT BY AREA, UPDATED FEBRUARY 19, 2016.

## 1.5.3

## HEALTH PRACTITIONERS LICENSED IN HAWAII BY PLACE OF ADDRESS

	Acupuncturist	Chiropractor	Dental Hygienist	Dentist	Massage Therapist
Hawai'i	113	68	78	104	965
Kaua'i	37	27	43	42	537
Maui	83	65	109	94	1,329
Moloka'i	1	2	3	5	12
Lāna'i	0	0	0	1	18
O'ahu	295	193	600	838	3,582
<b>State Subtotal</b>	<b>529</b>	<b>355</b>	<b>833</b>	<b>1,084</b>	<b>6,443</b>
Mainland	175	140	254	404	843
Foreign/Other	4	4	2	16	73
<b>Total</b>	<b>708</b>	<b>499</b>	<b>1,089</b>	<b>1,504</b>	<b>7,359</b>

	Certified Physician's Assistant	Emergency Medical Tech. Basic	Emergency Medical Tech. Paramedic	Physician or Surgeon <sup>1</sup>	Osteopathic Physician and Surgeon
Hawai'i	20	284	110	455	42
Kaua'i	8	35	19	182	15
Maui	36	74	43	414	23
Moloka'i	0	0	5	11	2
Lāna'i	0	0	0	2	1
O'ahu	168	406	306	3,600	223
<b>State Subtotal</b>	<b>232</b>	<b>799</b>	<b>483</b>	<b>4,664</b>	<b>306</b>
Mainland	79	12	49	4,319	494
Foreign/Other	0	0	0	51	0
<b>Total</b>	<b>311</b>	<b>811</b>	<b>532</b>	<b>9,034</b>	<b>800</b>

	Licensed Practical Nurse	Registered Nurse	Advanced Practice Registered Nurse	Occupational Therapist	Physical Therapist
Hawai'i	333	1,838	105	55	128
Kaua'i	154	716	45	14	52
Maui	366	1,428	63	39	110
Moloka'i	9	35	5	0	4
Lāna'i	1	19	2	0	1
O'ahu	1,151	11,158	745	274	640
<b>State Subtotal</b>	<b>2,014</b>	<b>15,194</b>	<b>965</b>	<b>382</b>	<b>935</b>
Mainland	362	6,944	298	266	572
Foreign/Other	6	78	4	6	16
<b>Total</b>	<b>2,382</b>	<b>22,216</b>	<b>1,267</b>	<b>654</b>	<b>1,523</b>

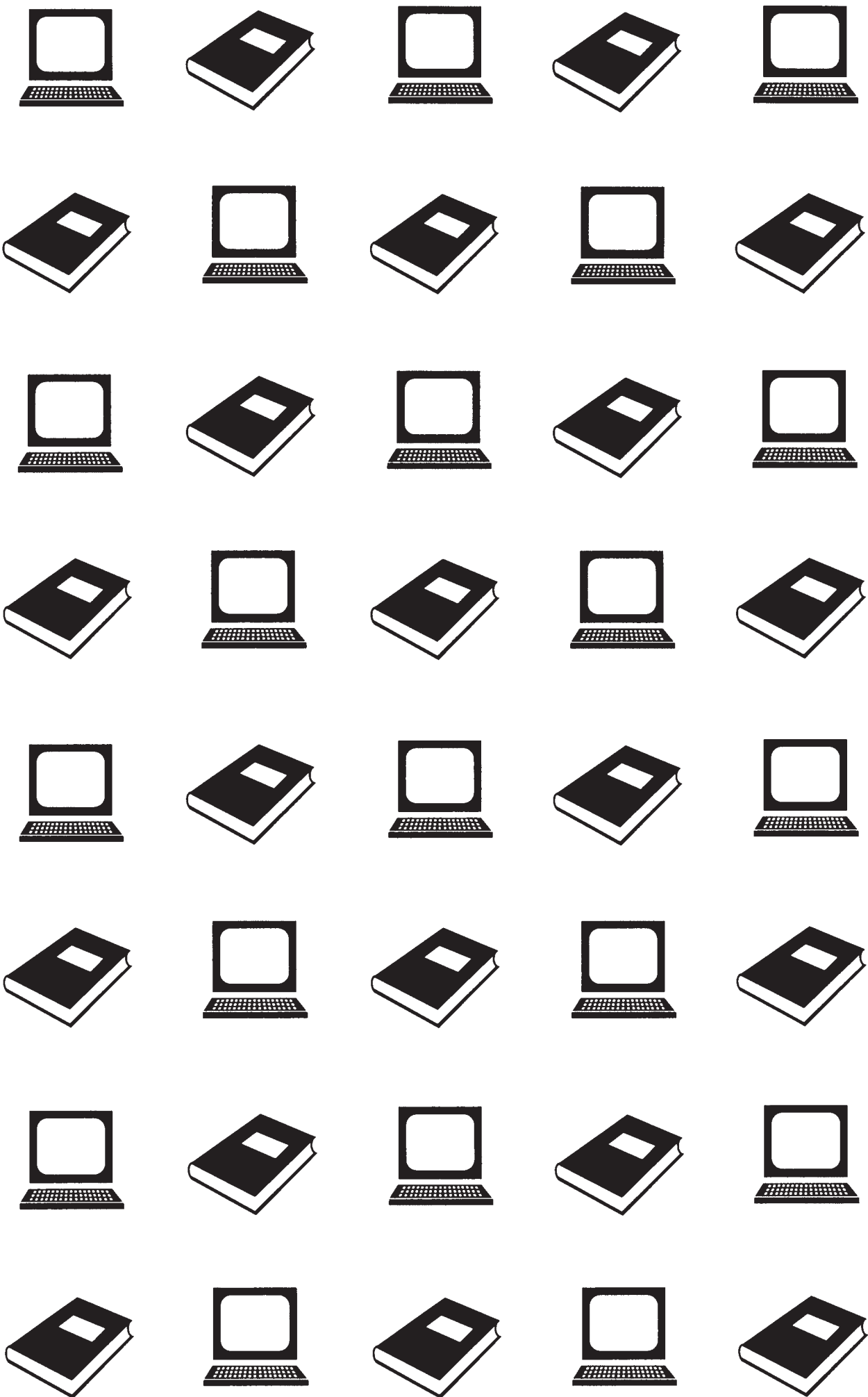
  

	Naturopath	Optometrist	Pharmacist	Podiatrist	Psychologist
Hawai'i	33	30	165	6	87
Kaua'i	11	11	69	1	33
Maui	15	25	128	4	54
Moloka'i	0	0	3	0	1
Lāna'i	0	0	0	0	1
O'ahu	37	221	1,040	30	605
<b>State Subtotal</b>	<b>96</b>	<b>287</b>	<b>1,405</b>	<b>41</b>	<b>781</b>
Mainland	41	148	1,098	42	300
Foreign/Other	1	1	5	1	4
<b>Total</b>	<b>138</b>	<b>436</b>	<b>2,508</b>	<b>84</b>	<b>1,085</b>

1. PERMANENT LICENSES ONLY. DOES NOT INCLUDE INTERNS, RESIDENTS, OR PHYSICIANS WHO PROVIDED STATE GOVERNMENT SERVICES ONLY.

SOURCE: HAWAII STATE DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, PROFESSIONAL AND VOCATIONAL LICENSING DIVISION, LICENSING BRANCH, CURRENT LICENSES AS OF JANUARY 26, 2016.

# Education



## Section 2

### EDUCATION

This section covers statistics on public and private schools, enrollment, number of teachers, high school graduates, libraries, enrollment at University of Hawai'i at Hilo and Hawai'i Community College, degrees offered and number of faculty.

Hawai'i County public and private schools provide educational opportunities for students from pre-kindergarten through senior high school. The University of Hawai'i at Hilo offers a wide variety of 4-year degrees , a Master's of Art degree in Hawaiian language and literature, as well as a PhD in Hawaiian and Indigenous Language and Culture. The Hawai'i Community College, located in Hilo adjacent to UH Hilo, offers more than 50 associate degree, certificate and non-credit programs ranging from health services and hotel operations to business and trades. The Community College also administers Kona's UH Center at West Hawai'i.

The Hawai'i State Public Library System has twelve locations in Hawai'i County. Mo'okini Library serves the University of Hawai'i at Hilo and Hawai'i Community College.

The principal sources of the data on education are the Hawai'i State Department of Education, the Hawai'i Association of Private Schools, and the University of Hawai'i Institutional Research and Analysis Office. On libraries, the principal sources are the Hawai'i State Public Library System, Research and Evaluation Services.

## 2.1

### HAWAI'I DISTRICT PUBLIC AND PRIVATE SCHOOLS BY LOCATION

<b>HAWAI'I DISTRICT</b>		Parker School	K thru 12
<b>Captain Cook</b>		Waimea Country School	K thru 6
Hōnaunau Elementary	K thru 5	Waimea Elementary	K thru 5
Kona Adventist Christian School	K thru 8	Waimea Middle Public Conversion CS	6 thru 8
<b>Hawi: Kohala Mission School</b>		<b>Kapa'au</b>	
<b>Hilo</b>		Kohala Elementary	K thru 5
Chiefess Kapi'olani Elementary	K thru 6	Kohala High	9 thru 12
Connections Public Charter School	K thru 12	Kohala Middle	6 thru 8
E Maka'ala School	PreK thru 6	<b>Kea'au</b>	
Ernest Bowen DeSilva Elementary	K thru 6	Christian Liberty Academy	PreK thru 12
Ha'aheo Elementary	K thru 6	Kamehameha Schools Hawai'i	K thru 12
Haili Christian School	PreK thru 8	Ke Kula 'o Nāwahīkalanī'ōpu'u Iki LPCS	K thru 8
Hilo High	9 thru 12	Kea'au Elementary	PreK thru 5
Hilo Intermediate	7 thru 8	Kea'au High	9 thru 12
Hilo Union Elementary	K thru 6	Kea'au Middle	6 thru 8
Ka 'Umeke Kā'eo PCS	K thru 12	Mālamalama Waldorf School	PreK thru 8
Kaūmana Elementary	K thru 6	<b>Kealakekua</b>	
Ke Ana La'ahana PCS	7 thru 12	Ke Kula 'o 'Ehunuikaimalino	K thru 12
Keaukaha Elementary	K thru 6	Kona Pacific Public Charter School	K thru 8
Mauna Loa School	PreK thru 8	Konawaena Elementary	K thru 5
St. Joseph School	PreK thru 12	Konawaena High	9 thru 12
Waiākea Elementary	K thru 5	Konawaena Middle	6 thru 8
Waiākea High	9 thru 12	<b>Laupāhoehoe Community PCS</b>	K thru 12
Waiākea Intermediate	6 thru 8	<b>Mountain View</b>	
Waiākeawaena Elementary	K thru 5	Mountain View Elementary	K thru 5
<b>Hōlualoa Elementary</b>	K thru 5	Nā Wai Ola Public Charter School	K thru 6
<b>Honoka'a</b>		<b>Nā'ālehu</b>	
Honoka'a Elementary	K thru 6	Ka'u Learning Academy	3 thru 6
Honoka'a High and Intermediate	7 thru 12	Nā'ālehu Elementary	K thru 6
<b>Ho'okena Elementary</b>	K thru 5	<b>Pa'auilo Elementary &amp; Intermediate</b>	K thru 9
<b>Kailua-Kona</b>		<b>Pāhala: Ka'u High and Pāhala Elem.</b>	K thru 12
Hawai'i Montessori Schools - Kona	EC-K	<b>Pāhoa</b>	
Innovations Public Charter School	K thru 8	Hawai'i Academy of Arts & Sc. PCS	K thru 12
Kahakai Elementary	K thru 5	Keonepoko Elementary	K thru 6
Kealakehe Elementary	K thru 5	Kua o ka Lā New Century PCS	K thru 12
Kealakehe High	9 thru 12	Pāhoa Elementary	K thru 6
Kealakehe Intermediate	6 thru 8	Pāhoa High and Intermediate	7 thru 12
Makua Lani Christian Academy	PreK thru 12	<b>Pāpa'ikou: Kalaniana'ole El. &amp; Inter.</b>	K thru 8
Makua Lani Chris. Ac.- Lower Campus	PreK thru 7	<b>Volcano School of Arts &amp; Sciences</b>	K thru 8
West Hawai'i Explorations Academy	6 thru 12	<b>Waikoloa Elementary &amp; Middle</b>	K thru 8
<b>Kamuela</b>		<b>Total: 72</b>	
Hawai'i Montessori Sch. - Kamuela	EC-K	<b>Public: 41</b>	
Hawai'i Preparatory Academy	K thru 12	<b>Charter: 15</b>	
Kanu o ka 'Āina New Century PCS	K thru 12	<b>Private: 16</b>	

EC: EARLY CHILDHOOD EDUCATION PROGRAM.

PCS: PUBLIC CHARTER SCHOOL.

SOURCE: HAWAI'I STATE DEPARTMENT OF EDUCATION; HAWAI'I ASSOCIATION OF INDEPENDENT SCHOOLS.

## 2.2

### BUDGET ALLOCATIONS FOR PUBLIC SCHOOLS HAWAI'I COUNTY

School	2012-2013	2013-2014	2014-2015	2015-2016
<b>Elementary Schools</b>				
Chiefess Kapi'olani	577,797	592,137	383,598	426,714
Ernest Bowen DeSilva	399,556	685,384	552,832	631,084
Ha'aheo	213,385	299,448	345,907	308,176
Hilo Union	431,430	579,435	573,182	720,615
Hōlualoa	501,396	541,616	419,075	493,673
Hōnaunau	226,463	177,484	228,341	249,680
Honoka'a	476,151	576,027	327,069	599,890
Ho'okena	155,558	271,409	423,712	399,015
Kahakai	884,582	1,150,945	984,858	997,040
Kaūmana	433,223	546,342	482,773	355,824
Kea'au	1,107,894	1,520,398	1,159,131	1,429,086
Kealakehe	931,277	1,521,663	1,674,913	1,590,660
Keaukaha	569,979	561,742	450,449	529,149
Keonepoko	683,871	948,252	713,193	1,456,217
Kohala	376,575	615,920	414,439	276,532
Konawaena	471,084	718,041	655,548	666,985
Mountain View	747,533	878,650	1,196,869	932,568
Nā'ālehu	502,242	629,338	530,022	370,953
Pāhoa	641,077	681,843	657,981	131,873
Waiākea	769,250	1,218,589	934,396	916,612
Waiākeawaena	712,361	786,313	552,508	889,671
Waimea	535,250	779,929	767,888	668,188
<b>Intermediate Schools</b>				
Hilo Intermediate	409,475	309,051	588,390	666,377
Kea'au Middle	808,481	1,115,816	1,342,836	366,547
Kealakehe Intermediate	472,367	656,560	953,731	707,203
Kohala Middle	195,139	296,451	420,166	431,485
Konawaena Middle	211,613	487,988	708,271	948,603
Waiākea Intermediate	518,019	990,786	935,313	973,104
<b>High Schools</b>				
Hilo	1,152,063	1,542,451	1,298,884	1,202,967
Kea'au	893,540	977,401	1,049,927	655,538
Kealakehe	1,034,905	1,284,748	1,099,588	1,121,998
Kohala	316,261	342,414	327,467	425,783
Konawaena	692,080	810,184	833,282	1,006,337
Waiākea	834,126	941,423	1,180,044	837,534
<b>Multi-Level Schools</b>				
Honoka'a High and Intermediate	603,514	625,359	846,869	972,975
Ka'u High and Pāhala Elementary	499,227	623,852	921,568	638,088
Ke Kula 'o 'Ehunuikaimalino	369,811	539,098	480,886	411,006
Pa'auilo Elementary and Intermediate	317,683	251,960	239,729	288,607
Pāhoa High and Intermediate	961,732	1,049,101	716,927	1,528,109
Prince J. K. Kalaniana'ole El. & Inter.	166,097	225,637	541,063	557,715
Waikoloa Elementary and Middle	908,968	1,100,609	907,436	787,722
<b>Total</b>	<b>\$23,713,035</b>	<b>\$30,451,794</b>	<b>\$29,821,061</b>	<b>\$29,567,903</b>

ALLOCATIONS DO NOT INCLUDE SALARIES.

SOURCE: HAWAI'I STATE DEPARTMENT OF EDUCATION.



**2.3**  
**PUBLIC SCHOOLS ENROLLMENT BY GRADES**  
**HAWAI'I DISTRICT**

<b>School</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>Elementary Schools</b>					
Chiefess Kapi'olani	381	378	376	334	337
Ernest Bowen DeSilva	406	401	429	441	454
Ha'aheo	182	178	183	192	182
Hilo Union	445	451	487	452	427
Hōlualoa	516	523	510	479	489
Hōnaunau	147	142	129	137	149
Honoka'a	376	385	373	339	361
Ho'okena	138	135	139	132	117
Kahakai	614	619	666	691	690
Kaūmana	269	290	292	290	270
Kea'au	770	756	808	789	800
Kealakehe	1,046	1,031	1,058	1,003	1,014
Keaukaha	365	384	407	381	399
Keonepoko	593	609	632	591	547
Kohala	389	405	411	350	347
Konawaena	583	556	567	548	553
Mountain View	548	532	508	493	507
Nā'ālehu	373	388	412	385	338
Pāhoa	444	470	432	450	423
Waiākea	837	850	877	806	804
Waiākeawaena	702	729	714	657	701
Waimea	576	552	569	525	530
<b>Intermediate Schools</b>					
Hilo Intermediate	493	473	466	470	481
Kea'au Middle	602	587	613	629	668
Kealakehe Intermediate	759	714	657	709	694
Kohala Middle	212	180	180	181	189
Konawaena Middle	529	531	563	549	564
Waiākea Intermediate	877	844	892	848	858
<b>High Schools</b>					
Hilo	1,207	1,234	1,249	1,224	1,160
Kea'au	915	877	832	871	988
Kealakehe	1,541	1,470	1,396	1,299	1,237
Kohala	266	264	276	265	251
Konawaena	686	707	733	730	759
Waiākea	1,172	1,159	1,197	1,219	1,197
<b>Multi-Level Schools</b>					
Honoka'a High and Intermediate	660	664	676	671	679
Ka'u High and Pāhala Elementary	566	527	524	550	506
Ke Kula 'o 'Ehunuikaimalino	175	177	214	222	225
Pa'auilo Elementary and Intermediate	232	232	243	228	213
Pāhoa High and Intermediate	663	669	653	684	576
Prince J. K. Kalaniana'ole El. & Inter.	292	303	295	277	299
Waikoloa Elementary and Middle	781	804	807	784	742
<b>Total</b>	<b>26,450</b>	<b>26,721</b>	<b>26,999</b>	<b>26,496</b>	<b>26,513</b>

SOURCE: HAWAI'I STATE DEPARTMENT OF EDUCATION.

## 2.4

## STUDENT PROFILES IN PUBLIC SCHOOLS HAWAII COUNTY, 2014-2015

School	Fall Enrollment	Students Enrolled for Entire Year	Receiving Free or Reduced Cost Lunch	Students in Special Education	Students w/ Limited English Proficiency
<b>Elementary Schools</b>					
Chiefess Kapi'olani	334	89.8%	85.9%	11.6%	10.1%
Ernest Bowen DeSilva	441	96.3%	36.5%	5.6%	n/r
Ha'aheo	192	96.8%	59.3%	5.2%	5.2%
Hilo Union	452	88.0%	86.0%	15.7%	11.2%
Hōlualoa	479	91.4%	49.0%	5.0%	11.2%
Hōnaunau	137	89.0%	91.2%	10.2%	10.9%
Honoka'a	339	92.0%	66.3%	3.5%	n/r
Ho'okena	132	96.2%	93.1%	8.3%	n/r
Kahakai	691	87.2%	64.1%	5.7%	13.6%
Kaūmana	290	90.0%	66.5%	8.2%	n/r
Kea'au	789	89.4%	76.0%	11.0%	13.1%
Kealakehe	1,003	91.3%	74.1%	7.8%	21.2%
Keaukaha	381	94.4%	83.9%	16.0%	n/r
Keonepoko	591	39.9%	85.9%	12.1%	6.2%
Kohala	350	92.8%	69.7%	10.0%	5.4%
Konawaena	548	94.3%	68.4%	7.1%	11.3%
Mountain View	493	88.8%	92.0%	9.3%	3.2%
Nā'ālehu	385	90.9%	91.1%	8.3%	24.4%
Pāhoa	450	54.2%	89.3%	10.6%	5.3%
Waiākea	806	94.9%	58.5%	7.1%	3.5%
Waiākeawaena	657	95.4%	60.4%	8.8%	2.8%
Waimea	525	90.0%	73.3%	9.1%	9.7%
<b>Intermediate Schools</b>					
Hilo Intermediate	470	96.1%	61.0%	15.7%	4.8%
Kea'au Middle	629	91.2%	83.9%	12.2%	7.6%
Kealakehe Intermediate	709	93.6%	64.8%	10.0%	9.1%
Kohala Middle	181	94.4%	61.8%	18.2%	n/r
Konawaena Middle	549	93.6%	70.4%	11.4%	7.8%
Waiākea Intermediate	848	95.1%	51.8%	11.3%	1.6%
<b>High Schools</b>					
Hilo	1,224	92.0%	61.3%	18.1%	3.4%
Kea'au	871	92.4%	77.6%	16.9%	5.8%
Kealakehe	1,299	88.0%	53.5%	11.1%	7.9%
Kohala	265	92.4%	61.5%	19.2%	n/r
Konawaena	730	89.7%	62.4%	9.5%	7.1%
Waiākea	1,219	93.7%	48.1%	13.7%	1.2%
<b>Multi-Level Schools</b>					
Honoka'a High and Intermediate	671	89.1%	57.2%	18.6%	6.4%
Ka'u High and Pāhala Elementary	550	91.8%	85.2%	12.7%	14.5%
Ke Kula 'o 'Ehunuikaimalino	222	93.6%	74.7%	7.6%	n/r
Pa'auilo Elementary and Interm.	228	92.5%	69.7%	7.8%	4.8%
Pāhoa High and Intermediate	684	48.3%	81.7%	18.8%	n/r
Pr. J. K. Kalaniana'ole El. & Interm.	277	90.9%	83.0%	9.7%	18.4%
Waikoloa Elementary and Middle	784	90.5%	51.7%	8.8%	12.7%
<b>Total</b>	<b>22,875</b>				

n/r: DATA NOT REPORTED TO MAINTAIN STUDENT CONFIDENTIALITY.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER.

## 2.5

## ETHNIC PROFILES IN PUBLIC SCHOOLS HAWAII COUNTY, 2014-2015

School	Chinese	Filipino	Hawaiian	Japanese	Portuguese	Hispanic	White	Other <sup>1</sup>
<b>Elementary Schools</b>								
Chiefess Kapi'olani	0.5%	16.5%	34.5%	5.4%	5.1%	2.9%	10.3%	24.1%
Ernest Bowen DeSilva	2.4%	9.1%	25.6%	29.2%	3.7%	1.3%	20.5%	7.1%
Ha'aheo	1.5%	21.8%	35.5%	7.1%	5.0%	2.0%	19.2%	7.5%
Hilo Union	0.8%	8.8%	43.2%	5.5%	4.4%	1.9%	9.1%	25.5%
Hōlualoa	1.0%	6.1%	24.3%	9.1%	3.2%	11.3%	37.8%	6.5%
Hōnaunau	0.0%	5.4%	48.4%	6.6%	1.2%	16.9%	18.1%	3.0%
Honoka'a	0.8%	32.6%	36.6%	3.4%	10.1%	1.6%	8.2%	6.0%
Ho'okena	0.0%	7.0%	60.2%	0.6%	2.5%	5.1%	21.1%	3.0%
Kahakai	0.9%	13.2%	28.3%	2.6%	0.9%	11.4%	24.4%	17.1%
Kaūmana	0.6%	10.3%	56.0%	8.9%	4.4%	1.7%	9.2%	6.5%
Kea'au	0.6%	24.6%	34.1%	3.2%	4.0%	1.8%	15.2%	7.2%
Kealakehe	0.9%	14.3%	37.5%	2.0%	1.3%	5.4%	15.3%	22.2%
Keaukaha	0.2%	3.4%	82.3%	0.9%	2.7%	1.2%	5.7%	2.9%
Keonepoko	0.0%	9.5%	42.5%	2.0%	4.1%	4.8%	18.0%	18.4%
Kohala	0.5%	23.0%	41.4%	4.2%	3.9%	4.5%	17.4%	4.2%
Konawaena	0.7%	12.4%	41.7%	8.7%	1.4%	8.9%	15.6%	9.9%
Mountain View	0.3%	5.1%	52.8%	1.5%	4.8%	2.4%	21.3%	11.1%
Nā'ālehu	0.4%	10.2%	42.4%	0.6%	1.3%	1.3%	12.9%	30.2%
Pāhoa	0.5%	15.3%	48.3%	1.8%	1.9%	2.3%	20.7%	8.5%
Waiākea	0.9%	13.3%	32.0%	23.5%	2.8%	1.2%	11.6%	13.9%
Waiākeawaena	0.8%	18.1%	34.6%	19.8%	7.6%	1.4%	8.2%	8.8%
Waimea	0.7%	12.5%	45.5%	5.4%	3.9%	3.6%	12.3%	14.8%
<b>Intermediate Schools</b>								
Hilo Intermediate	0.8%	12.6%	42.8%	13.4%	2.2%	3.5%	12.6%	11.6%
Kea'au Middle	0.6%	18.6%	48.3%	1.5%	3.7%	3.0%	11.5%	12.2%
Kealakehe Intermediate	1.2%	12.8%	37.4%	3.7%	0.9%	6.9%	16.0%	18.8%
Kohala Middle	5.0%	26.5%	40.6%	2.3%	2.3%	5.0%	14.4%	3.1%
Konawaena Middle	0.4%	13.8%	36.4%	8.4%	2.1%	8.2%	19.1%	10.8%
Waiākea Intermediate	2.9%	13.0%	34.9%	21.7%	3.8%	1.1%	9.6%	10.5%
<b>High Schools</b>								
Hilo	1.1%	12.2%	41.9%	9.9%	4.4%	2.7%	11.9%	14.8%
Kea'au	0.4%	21.0%	43.7%	2.6%	3.3%	4.0%	13.8%	10.3%
Kealakehe	1.4%	15.8%	27.8%	4.5%	1.4%	7.3%	21.7%	16.5%
Kohala	5.0%	26.5%	40.6%	2.3%	2.3%	5.0%	14.4%	3.1%
Konawaena	0.4%	13.8%	36.4%	8.4%	2.1%	8.2%	19.1%	10.8%
Waiākea	2.9%	13.0%	34.9%	21.7%	3.8%	1.1%	9.6%	11.7%
<b>Multi-Level Schools</b>								
Honoka'a High & Interm.	0.7%	22.5%	43.4%	3.6%	5.6%	4.1%	11.8%	7.7%
Ka'u High & Pāhala Elem.	0.5%	25.3%	44.6%	2.3%	1.6%	3.0%	9.2%	12.7%
Ke Kula 'o 'Ehunuikaimalino	0.0%	1.8%	85.5%	2.7%	0.0%	0.0%	6.9%	2.7%
Pa'auilo Elem. & Interm.	0.8%	24.0%	34.9%	3.4%	15.2%	3.0%	12.2%	5.9%
Pāhoa High & Intermediate	1.3%	16.4%	48.5%	1.8%	2.6%	4.0%	12.9%	11.7%
Kalaniana'ole El. & Inter.	1.5%	17.0%	25.5%	6.6%	4.4%	5.0%	14.1%	25.3%
Waikoloa Elem. & Middle	0.5%	13.3%	21.6%	5.9%	0.8%	5.0%	30.8%	21.4%

1. OTHER INCLUDES NATIVE AMERICAN, BLACK, KOREAN, SAMOAN, INDO-CHINESE, MICRONESIAN, TONGAN AND OTHERS.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS.

## 2.6

# COMMUNITY PROFILES IN PUBLIC SCHOOLS HAWAII'I COUNTY, 2014-2015

School Community	Population	% of Population Aged 5-19	Median Age	Number of Family Households	Median Household Income
State of Hawaii'i	1,360,301	18.4%	38.6	313,907	\$66,420
Hilo Complex	28,603	17.4%	41.9	6,714	\$47,356
Honoka'a Complex	17,179	21.2%	39.5	4,235	\$68,100
Ka'u Complex	8,352	18.9%	44.5	1,902	\$43,704
Kea'au Complex	24,991	21.1%	39.5	5,988	\$40,317
Kealakehe Complex	42,511	17.5%	41.5	10,394	\$66,079
Kohala Complex	6,276	18.4%	43.6	1,589	\$53,360
Konawaena Complex	12,291	16.9%	44.4	2,972	\$61,609
Pāhoa Complex	20,430	20.4%	38.5	4,734	\$39,303
Waiākea Complex	22,351	19.5%	39.7	5,342	\$58,258

NOTE: ALL FIGURES BASED ON 2010 CENSUS.

SOURCE: HAWAII'I STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2014-2015.

## 2.7

### COMMUNITY EDUCATION ATTAINMENT LEVEL IN PUBLIC SCHOOLS HAWAII COUNTY

School Community	College Graduate	Some College	High School	Less than High School Graduate
State of Hawai'i	29.4%	31.4%	29.0%	10.2%
Hilo Complex	30.6%	30.4%	27.6%	11.3%
Honoka'a Complex	25.1%	32.5%	33.3%	8.9%
Ka'u Complex	20.3%	30.3%	38.2%	11.0%
Kea'au Complex	25.3%	33.1%	32.5%	8.9%
Kealakehe Complex	28.0%	33.1%	31.5%	7.1%
Kohala Complex	23.4%	29.8%	37.7%	8.9%
Konawaena Complex	25.7%	30.3%	34.6%	9.3%
Pāhoa Complex	20.0%	33.1%	33.5%	13.1%
Waiākea Complex	27.8%	35.2%	27.3%	9.4%

NOTE: ALL FIGURES BASED ON 2010 CENSUS

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2014-2015.

## 2.8

### SCHOOL COMPLETION IN PUBLIC SCHOOLS HAWAII COUNTY, 2014-2015

School	Total Completers <sup>1</sup>	Diploma Graduates	Certificate of Completion	Individual Program	School Dropouts <sup>2</sup>
<b>High Schools</b>					
Hilo	94.3%	93.9%	0.0%	0.4%	21.4%
Kea'au	90.7%	88.1%	0.0%	2.5%	14.2%
Kealakehe	84.0%	81.2%	0.0%	2.7%	20.1%
Kohala	94.5%	94.5%	0.0%	0.0%	n/r
Konawaena	90.4%	90.4%	0.0%	0.0%	11.6%
Waiākea	95.2%	93.0%	0.0%	2.2%	10.2%
<b>Multi-Level Schools</b>					
Honoka'a High & Intermediate	96.0%	95.3%	0.0%	0.7%	12.5%
Ka'u High & Pāhala Elementary	91.2%	91.2%	0.0%	0.0%	n/r
Ke Kula 'o 'Ehunuikaimalino	100.0%	100.0%	0.0%	0.0%	n/r
Pāhoa High & Intermediate	94.6%	92.8%	0.0%	1.7%	17.3%

1. COMPLETERS STATISTICS ARE BASED ON THE NUMBER OF STUDENTS IN THE SENIOR CLASS.

2. DROPOUT RATES ARE BASED ON THE COHORT OF FIRST TIME 9TH GRADERS WHO DROPPED OUT PRIOR TO GRADUATION.

n/r: DATA NOT REPORTED TO MAINTAIN STUDENT CONFIDENTIALITY.

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2014-2015

## TEACHING STAFF PROFILES IN PUBLIC SCHOOLS HAWAI'I COUNTY, 2014-2015

School	Teacher Head- count	Teachers With 5 or More Years at this School	Teachers With Advanced Degrees	Average Years Experience	Student Teacher Ratio Regular Instruction	Student Teacher Ratio Special Education
<b>Elementary Schools</b>						
Chiefess Kapi'olani	26	21	8	21.0	14.7	6.5
Ernest Bowen DeSilva	24	19	0	18.3	19.8	8.3
Ha'aheo	10	6	3	12.7	20.2	10.0
Hilo Union	35	23	15	13.3	17.3	7.8
Hōlualoa	24	18	7	18.7	21.6	8.0
Hōnaunau	13	4	3	11.1	12.9	7.0
Honoka'a	20	10	5	12.4	19.2	4.0
Ho'okena	13	6	2	13.4	15.1	2.7
Kahakai	41	22	21	12.6	20.3	5.7
Kaūmana	18	14	8	15.4	20.4	6.0
Kea'au	47	29	15	13.9	20.6	8.7
Kealakehe	65	36	24	11.1	19.0	5.2
Keaukaha	28	15	7	13.1	14.5	10.1
Keonepoko	42	17	17	11.1	16.7	7.2
Kohala	25	16	10	13.3	16.5	5.8
Konawaena	34	20	14	15.1	18.8	6.5
Mountain View	29	14	13	13.8	20.3	11.5
Nā'ālehu	31	12	10	8.0	16.0	4.5
Pāhoa	26	9	7	11.4	21.1	8.0
Waiākea	48	32	14	15.6	18.7	8.2
Waiākeawaena	45	25	11	13.1	17.1	7.2
Waimea	34	19	18	14.5	19.8	6.0
<b>Intermediate Schools</b>						
Hilo Intermediate	31	19	7	12.5	15.8	12.3
Kea'au Middle	41	33	13	14.5	18.4	11.0
Kealakehe Inter.	47	28	13	13.8	17.7	7.8
Kohala Middle	14	6	8	10.1	14.8	8.2
Konawaena Middle	40	15	16	8.7	16.7	10.5
Waiākea Intermediate	57	31	17	13.7	15.6	10.6
<b>High Schools</b>						
Hilo	74	51	26	15.5	19.4	11.6
Kea'au	60	38	21	14.2	17.6	7.7
Kealakehe	75	50	25	11.6	20.4	10.3
Kohala	23	11	9	13.9	14.2	7.2
Konawaena	43	24	11	11.6	18.3	11.6
Waiākea	75	50	28	16.0	18.9	9.8
<b>Multi-Level Schools</b>						
Honoka'a High and Inter.	45	29	14	13.5	16.5	11.3
Ka'u High & Pāhala Elem.	38	12	12	6.8	17.7	7.7
Ke Kula 'o 'Ehunuikaimalino	13	7	2	11.0	17.8	17.0
Pa'auilo Elem. and Inter.	15	2	8	9.2	16.1	9.0
Pāhoa High and Inter.	46	27	24	15.6	16.3	11.7
Kalaniana'ole El. & Inter.	21	7	4	12.3	16.6	4.5
Waikoloa Elem. & Middle	53	25	18	9.7	16.2	7.6
<b>Total</b>	<b>1,489</b>	<b>852</b>	<b>508</b>			

SOURCE: HAWAI'I STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2014-2015.

## 2.10

## SUBJECT PROFICIENCIES IN PUBLIC SCHOOLS HAWAII COUNTY, 2014-2015

School	Grade	% Proficient Reading	% Proficient Math	% Proficient Science <sup>1</sup>
<b>Elementary Schools</b>				
Chiefess Kapi'olani	4	42%	35%	46%
Ernest Bowen DeSilva	4	71%	74%	70%
Ha'aheo	4	55%	50%	63%
Hilo Union	4	27%	26%	18%
Hōlualoa	4	55%	43%	56%
Hōnaunau	4	33%	46%	54%
Honoka'a	4	34%	35%	14%
Ho'okena	4	13%	13%	13%
Kahakai	4	58%	55%	59%
Kaūmana	4	42%	26%	41%
Kea'au	4	48%	40%	52%
Kealakehe	4	33%	42%	43%
Keaukaha	4	44%	48%	74%
Keonepoko	4	42%	33%	41%
Kohala	4	22%	22%	39%
Konawaena	4	47%	53%	59%
Mountain View	4	29%	37%	36%
Nā'ālehu	4	31%	27%	46%
Pāhoa	4	38%	26%	47%
Waiākea	4	46%	49%	54%
Waiākeawaena	4	46%	44%	58%
Waimea	4	25%	36%	52%
<b>State Average</b>	4	48%	46%	54%
<b>Intermediate Schools</b>				
Hilo Intermediate	8	50%	47%	39%
Kea'au Middle	8	36%	25%	20%
Kealakehe Intermediate	8	34%	32%	16%
Kohala Middle	8	46%	42%	34%
Konawaena Middle	8	50%	33%	28%
Waiākea Intermediate	8	52%	46%	41%
<b>State Average</b>	8	47%	39%	37%
<b>High Schools</b>				
Hilo	11	46%	25%	23%
Kea'au	11	40%	25%	13%
Kealakehe	11	52%	22%	32%
Kohala	11	52%	22%	32%
Konawaena	11	43%	21%	24%
Waiākea	11	50%	31%	34%
<b>State Average</b>	11	53%	29%	31%
<b>Multi-Level Schools</b>				
Honoka'a High and Inter.	11	54%	28%	26%
Ka'u High and Pāhala Elem.	11	22%	4%	10%
Ke Kula 'o 'Ehunuikaimalino	11	64%	27%	NA
Pa'auilo Elem. and Inter.	8	52%	41%	50%
Pāhoa High and Intermediate	11	52%	29%	13%
Kalaniana'ole Elem. & Inter.	8	31%	33%	30%
Waikoloa Elem. and Middle	8	46%	42%	40%
<b>State Average</b>	11	53%	29%	31%

1. THE HCPS SCIENCE ASSESSMENT IS GIVEN IN GRADES 4 AND 8. HIGH SCHOOL HCPS SCIENCE ASSESSMENT RESULTS ARE FROM AN END-OF-COURSE EXAM GIVEN TO HIGH SCHOOL STUDENTS ENROLLED IN BIOLOGY 1.

NA: NOT AVAILABLE

SOURCE: HAWAII STATE DEPARTMENT OF EDUCATION, ACCOUNTABILITY RESOURCE CENTER (ARCH), SCHOOL STATUS AND IMPROVEMENT REPORTS, SCHOOL YEAR 2014-2015.

## 2.11

# PRIVATE SCHOOL CHARACTERISTICS HAWAII'I COUNTY, 2013-2014

School	Classroom Teachers (FTE)	Student Teacher Ratio	American Indian/ Alaskan Native	Asian	Black	Hispanic	White	Native Hawaiian/ Pacific Islander	Two or more races
E Maka'ala School	2.0	10.0	0	3	0	0	1	3	13
Haili Christian School	13.9	10.6	0	44	1	1	73	0	29
Hawaii'i Montessori Schools - Kamuela Campus	1.9	0.5	0	0	0	0	1	0	0
Hawaii'i Montessori Schools - Kona Campus	4.5	1.1	0	0	0	0	2	3	0
Hawaii'i Preparatory Academy	63.8	9.8	0	51	2	0	246	11	318
Kohala Mission School	2.0	8.0	0	0	0	0	5	11	0
Kona Adventist Christian School	3.0	7.7	0	3	0	1	3	16	0
Makua Lani Christian Academy - Lower Campus	21.1	10.0	5	45	0	12	71	73	5
Mauna Loa School	3.0	15.7	0	0	0	3	8	20	16
Parker School	25.6	10.5	0	18	1	12	143	6	89
St. Joseph School	25.1	8.8	4	69	2	5	55	68	17

SOURCE: NATIONAL CENTER FOR EDUCATIONAL STATISTICS (NCES).



## 2.12

### PRIVATE SCHOOL TUITION HAWAI'I COUNTY, 2015-2016

School	Tuition Fees \$
Christian Liberty Academy	4,800 - 8,590
E Maka'ala School	4,275 - 4,950
Haili Christian School	3,750 - 4,650
Hawai'i Montessori Schools	6,491 - 11,936
Hawai'i Preparatory Academy	18,500 - 23,900
Kamehameha Schools Hawai'i	4,083 - 5,023
Kohala Mission School	4,500
Kona Adventist Christian School	4,500
Makua Lani Christian Academy	6,915 - 8,700
Mālamalama Waldorf School	405 per month - 7,268
Mauna Loa School	4,000 - 5,750
Parker School	12,575 - 14,275
St. Joseph School	6,000- 8,100
Waimea Country School	9,800

SOURCE: HONOLULU MAGAZINE AND HAWAI'I ASSOCIATION OF INDEPENDENT SCHOOLS (HAIS), 2016 HAWAI'I PRIVATE SCHOOL GUIDE.

## 2.13

**PRIVATE SCHOOL ENROLLMENT BY GRADES**  
**HAWAII'I COUNTY, 2014-2015**

School	EC*	PreK	K	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	Total
Christian Liberty Academy	0	38	26	17	17	20	16	18	18	26	17	10	10	15	17	265
E Maka'ala School	0	56	24	0	0	0	0	0	0	0	0	0	0	0	0	80
Haili Christian School	0	52	30	15	12	13	13	13	11	7	11	0	0	0	0	177
Hawaii'i Montessori Schools - Kamuela Campus	12	36	6	0	0	0	0	0	0	0	0	0	0	0	0	54
Hawaii'i Montessori Schools - Kona Campus	16	38	6	0	0	0	0	0	0	0	0	0	0	0	0	60
Hawaii'i Preparatory Academy	0	0	17	16	18	22	19	22	28	41	49	77	98	113	107	627
Kamehameha Schools Hawaii'i	0	0	40	40	40	40	48	48	108	108	108	144	144	144	144	1,156
Kohala Mission School	0	0	4	0	3	2	4	1	3	0	1	0	0	0	0	18
Kona Adventist Christian School	0	0	3	7	4	3	3	6	3	0	1	0	0	0	0	30
Makua Lani Christian Academy	0	5	13	17	15	16	16	13	18	16	15	22	20	18	14	218
Mālamalama Waldorf School	0	25	15	12	12	12	12	12	12	12	12	0	0	0	0	136
Mauna Loa School	0	0	8	7	9	2	4	4	3	0	3	0	0	0	0	40
Parker School	0	0	16	17	14	18	18	18	27	25	27	29	30	32	28	299
St. Joseph School	0	49	28	27	20	12	20	16	17	29	30	28	20	21	16	333
Waimea Country School	0	0	7	8	7	4	10	4	0	0	0	0	0	0	0	40
<b>Total</b>	<b>28</b>	<b>299</b>	<b>243</b>	<b>183</b>	<b>171</b>	<b>164</b>	<b>183</b>	<b>175</b>	<b>248</b>	<b>264</b>	<b>274</b>	<b>310</b>	<b>322</b>	<b>343</b>	<b>326</b>	<b>3,533</b>

\* EARLY CHILDHOOD EDUCATION PROGRAM.

SOURCE: HAWAII'I ASSOCIATION OF INDEPENDENT SCHOOLS, PRIVATE SCHOOL ENROLLMENT REPORT 2014-2015.

## 2.14

### LIBRARY HOLDINGS AND CIRCULATION HAWAI'I STATE PUBLIC LIBRARY SYSTEM HAWAI'I COUNTY

As of June 30	2011	2012	2013	2014
Library Locations	12	12	12	12
Personnel	58.55	58	58	58
Circulation, year ending June 30	1,213,202	1,202,510	1,123,239	1,092,155
Collections				
Books	506,396	519,051	517,345	519,109
Periodical Subscriptions	559	552	530	541
DVDs and Videotapes	29,958	32,040	32,984	33,777
Sound Recordings	26,974	28,224	28,833	29,054

SOURCE: HAWAI'I STATE PUBLIC LIBRARY SYSTEM, OFFICE OF THE STATE LIBRARIAN.

## 2.15

### LIBRARY HOLDINGS AND CIRCULATION

#### University of Hawai'i at Hilo

Year	Number of Volumes, June 30 <sup>1</sup>	Circulation, year ended June 30	Number of electronic titles <sup>2</sup>	Number of electronic full-text items retrieved
2006	232,030	81,479	NA	NA
2007	234,412	111,098	NA	NA
2008	237,950	63,738	74,724	127,410
2009	232,578	98,095	69,377	125,867
2010	235,505	98,693	92,865	139,581
2011	237,704	74,610	113,208	56,939
2012	234,560	61,269	138,761	193,942
2012	234,560	61,269	138,761	193,942
2013	232,120	50,180	147,494	617,408
2014	238,380	44,866	172,612	604,337

NOTE: HAWAII COMMUNITY COLLEGE IS INCLUDED WITH THE UNIVERSITY OF HAWAII AT HILO.

NA: NOT AVAILABLE

#### UH Center at West Hawai'i

Year	Number of Volumes, June 30 <sup>1</sup>	Circulation, year ended June 30	Number of electronic titles <sup>2</sup>	Number of electronic full-text items retrieved
2006	NA	NA	NA	NA
2007	5,409	765	NA	NA
2008	5,303	974	61165	1983
2009	5,416	1,205	69265	2255
2010	5,473	1,041	73428	1957
2011	NA	1,199	93691	1049
2012	4,644	1,444	111,995	NA
2013	4,352	1,190	120,332	1,992
2014	5,076	899	140,962	2,272

1. NUMBER OF VOLUMES EXCLUDES MICROFORMS.

2. ELECTRONIC TITLES INCLUDE BOOKS, JOURNALS, DATABASES.

NA: NOT AVAILABLE

SOURCE: UNIVERSITY OF HAWAII AT MANOA, UNIVERSITY LIBRARIES.

## DEGREES AND CERTIFICATES EARNED

University of Hawai'i at Hilo	2011	2012	2013	2014	2015
<b>Total</b>	<b>731</b>	<b>915</b>	<b>809</b>	<b>806</b>	<b>905</b>
<b>College of Agriculture (Bachelor of Science)</b>	<b>32</b>	<b>26</b>	<b>31</b>	<b>41</b>	<b>37</b>
<b>College Arts &amp; Sciences</b>	<b>521</b>	<b>586</b>	<b>540</b>	<b>497</b>	<b>590</b>
Arts and Humanities	92	95	102	93	113
Bachelor of Arts	87	94	101	93	111
Master of Arts	5	1	1	0	2
Natural Sciences	168	122	137	111	128
Bachelor of Arts	74	58	73	56	65
Bachelor of Science	77	43	41	47	44
Master of Science	17	21	23	8	19
School of Nursing	--	38	36	41	55
Bachelor of Science	--	38	36	41	50
Doctor of Nursing Practice	--	--	--	--	5
Social Sciences	256	326	262	249	292
Bachelor of Arts	206	236	238	208	249
Bachelor of Science	7	10	10	4	8
Master of Arts	12	15	14	17	34
Master of Education	3	23	0	20	1
Certificate in Teacher Ed (PDN)	28	42	--	--	--
Interdisciplinary Majors (Bachelor of Arts)	5	5	3	3	2
<b>College of Business and Economics</b>	<b>66</b>	<b>54</b>	<b>75</b>	<b>64</b>	<b>60</b>
Accounting (Bachelor of Business Administration)	12	10	15	--	--
Business and Economics	54	44	60	64	60
Bachelor of Arts	13	8	16	10	6
Bachelor of Business Administration	41	36	44	54	54
<b>Ka Haka 'Ula o Ke'elikōlani (College of Hawaiian Language)</b>	<b>28</b>	<b>29</b>	<b>38</b>	<b>40</b>	<b>34</b>
Hawaiian Language and Literature	14	23	27	27	14
Bachelor of Arts	13	18	20	18	14
Master of Arts	--	4	6	9	--
PhD	1	1	1	--	--
Linguistics (Bachelor of Arts)	14	6	11	13	20
<b>College of Pharmacy</b>	<b>84</b>	<b>220</b>	<b>125</b>	<b>164</b>	<b>184</b>
Bachelor of Arts	--	133	37	77	89
Master of Science	--	--	2	4	4
Doctor of Pharmacy	84	87	86	83	91

CONTINUES ON THE NEXT PAGE

## CONTINUED

<b>Hawai'i Community College</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>
<b>Total</b>	<b>405</b>	<b>452</b>	<b>552</b>	<b>669</b>	<b>569</b>
<b>General</b>	<b>132</b>	<b>183</b>	<b>232</b>	<b>301</b>	<b>292</b>
Hawaiian Studies (Associate of Arts)			1	3	9
Liberal Arts (Associate of Arts)	132	183	231	298	283
<b>Career &amp; Technical Education</b>	<b>273</b>	<b>269</b>	<b>320</b>	<b>368</b>	<b>277</b>
Business Education	44	43	49	66	64
Certificate of Achievement	3	5	4	16	11
Associate of Science	4	1	8	6	4
Associate of Applied Science	37	37	37	44	49
Food Services	29	35	48	62	20
Certificate of Achievement	15	17	28	30	6
Associate of Applied Science	14	18	20	32	14
Health Services	37	33	31	32	33
Certificate of Achievement	9	10	8	9	7
Associate of Science	28	23	23	23	26
Public Services	36	45	41	56	50
Certificate of Achievement	2	3	2	8	13
Associate of Science	34	42	39	48	37
Technology	127	113	151	152	110
Certificate of Achievement	33	18	46	56	46
Associate of Science	8	7	3	4	4
Associate of Applied Science	86	88	102	92	60

SOURCE: UNIVERSITY OF HAWAII, INSTITUTIONAL RESEARCH AND ANALYSIS OFFICE, DEGREES AND CERTIFICATES EARNED.

**HAWAI'I HIGH SCHOOL GRADUATES ENTERING  
THE UNIVERSITY OF HAWAI'I SYSTEM  
BY HIGH SCHOOL, FALL 2015**

<b>School</b>	<b>Total Graduates</b>	<b>UH System</b>	<b>Manoa</b>	<b>Hilo</b>	<b>West O'ahu</b>	<b>Hawai'i College</b>	<b>Other Campuses</b>
<b>Public Schools, Hawai'i County</b>	<b>1,496</b>	<b>504</b>	<b>46</b>	<b>134</b>	<b>0</b>	<b>295</b>	<b>29</b>
Connections PCS	22	3	0	1	0	2	0
Hawai'i Academy of Arts & Science PCS	33	15	0	8	0	6	1
Hilo High	219	94	4	23	0	63	4
Honoka'a High and Intermediate	123	29	2	8	0	17	2
Ka 'Umeke Kā'eo PCS	5	2	0	0	0	2	0
Kanu o ka 'Āina New Century PCS	8	3	1	1	0	0	1
Ka'u High and Pāhala Elementary	52	12	0	6	0	6	0
Ke Ana La'ahana PCS	4	2	0	0	0	2	0
Ke Kula 'o 'Ehunuikaimalino	11	7	1	1	0	5	0
Kea'au High	215	90	4	24	0	58	4
Kealakehe High	247	61	12	13	0	28	8
Kohala High	52	11	2	1	0	6	2
Konawaena High	152	22	2	3	0	15	2
Kua o ka Lā New Century PCS	6	2	0	0	0	2	0
Laupāhoehoe Community PCS	6	4	0	1	0	3	0
Pāhoa High and Intermediate	53	18	1	7	0	10	0
Waiākea High	259	120	16	33	0	67	4
West Hawai'i Explorations Academy	29	9	1	4	0	3	1
<b>Private Schools, Hawai'i County</b>	<b>312</b>	<b>79</b>	<b>13</b>	<b>30</b>	<b>0</b>	<b>30</b>	<b>6</b>
Christian Liberty Academy	10	2	0	1	0	1	0
Hawai'i Preparatory Academy	112	7	5	1	0	0	1
Hualālai Academy <sup>1</sup>	0	1	1	0	0	0	0
Kamehameha Schools Hawai'i	138	64	6	26	0	28	4
Makua Lani Christian Academy	14	1	0	0	0	1	0
Parker School	25	3	1	2	0	0	0
St. Joseph School	13	1	0	0	0	0	1

PCS: PUBLIC CHARTER SCHOOL.

1. HUALĀLAI ACADEMY CLOSED IN MAY 2014; NO GRADUATES REPORTED FOR SCHOOL YEAR 2014-15; GOING RATES IS UNDEFINED

SOURCE: UNIVERSITY OF HAWAI'I, INSTITUTIONAL RESEARCH AND ANALYSIS OFFICE, HIGH SCHOOL BACKGROUND OF FIRST-TIME STUDENTS, FALL 2015.

## ENROLLMENT PROJECTIONS

### University of Hawai'i at Hilo

	Historic	Projections					
	2014	2015	2016	2017	2018	2019	2020
<b>Total</b>	<b>3,924</b>	<b>3,879</b>	<b>3,858</b>	<b>3,862</b>	<b>3,874</b>	<b>3,877</b>	<b>3,890</b>
<b>Status</b>							
Full time	3,159	3,123	3,106	3,109	3,119	3,121	3,132
Part time	765	756	752	753	755	756	758
<b>Degree Type</b>							
Agriculture	167	165	164	164	164	165	166
Business & Economics	374	368	365	366	368	369	370
Arts & Sciences	2,783	2,747	2,731	2,734	2,744	2,745	2,755
Humanities	376	372	369	369	369	369	373
Natural Sciences	833	822	819	818	822	819	824
School of Nursing	117	117	117	117	117	117	117
Social Sciences	1,072	1,059	1,052	1,053	1,055	1,058	1,061
Interdisciplinary Majors	5	5	5	5	5	5	5
General & Pre-Professional	380	372	369	372	375	375	375
Ka Haka 'Ula o Ke'elikōlani	159	158	157	157	157	157	158
College of Pharmacy	355	355	355	355	355	355	355
Unclassified	86	86	86	86	86	86	86
Home-based at Other UH campus	15	15	15	15	15	15	15

### Hawai'i Community College

	Historic	Projections					
	2014	2015	2016	2017	2018	2019	2020
<b>Total</b>	<b>3,186</b>	<b>3,192</b>	<b>3,197</b>	<b>3,220</b>	<b>3,207</b>	<b>3,186</b>	<b>3,169</b>
<b>Status</b>							
Full time	1,450	1,476	1,478	1,489	1,483	1,473	1,465
Part time	1,736	1,716	1,719	1,731	1,724	1,713	1,704
<b>Degree Type</b>							
Liberal Arts	1,256	1,192	1,146	1,127	1,110	1,097	1,088
Career & Technical Ed	1,377	1,338	1,303	1,291	1,277	1,263	1,253
Unclassified	68	70	74	76	78	79	79
Specials	197	275	325	350	350	350	350
Home-based at Other UH campus	288	317	349	376	392	397	399

SOURCE: STATE OF HAWAII, INSTITUTIONAL RESEARCH AND ANALYSIS OFFICE, ENROLLMENT PROJECTIONS FALL 2015 TO FALL 2020.



## HISTORICAL ENROLLMENT, FACULTY AND STAFF

### University of Hawai'i at Hilo

Fall Semester	Students Enrolled		
	Total	Full-time	Part-time
2000	2,874	2,150	724
2001	2,913	2,240	673
2002	3,040	2,382	658
2003 <sup>1</sup>	3,300	2,620	630
2004 <sup>2</sup>	3,288	2,648	570
2005	3,422	2,752	670
2006	3,507	2,785	722
2007	3,573	2,820	753
2008	3,773	2,984	789
2009	3,974	3,180	794
2010	4,079	3,302	777
2011	4,139	3,282	857
2012	4,157	3,273	884
2013	4,043	3,220	823
2014	3,924	3,159	765
2015	3,829	2,966	863

	Number of Employees		
	2013	2014	2015
Board of Regents Appointees	532	545	546
Faculty	356	364	353
Professor	54	58	63
Associate Professor	83	88	85
Assistant Professor	55	45	33
Instructor	29	30	31
Lecturer	87	96	98
Other	48	47	43
Support Staff	150	157	162
Executive Staff	22	19	19
Graduate Assistant	4	5	12
Civil Service Staff	132	133	126
<b>Total Employees</b>	<b>664</b>	<b>678</b>	<b>672</b>

1. In 2003, 50 WERE LISTED UNDER NO DATA.

2. In 2004, 70 WERE LISTED UNDER NO DATA.

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## CONTINUED

## Hawai'i Community College

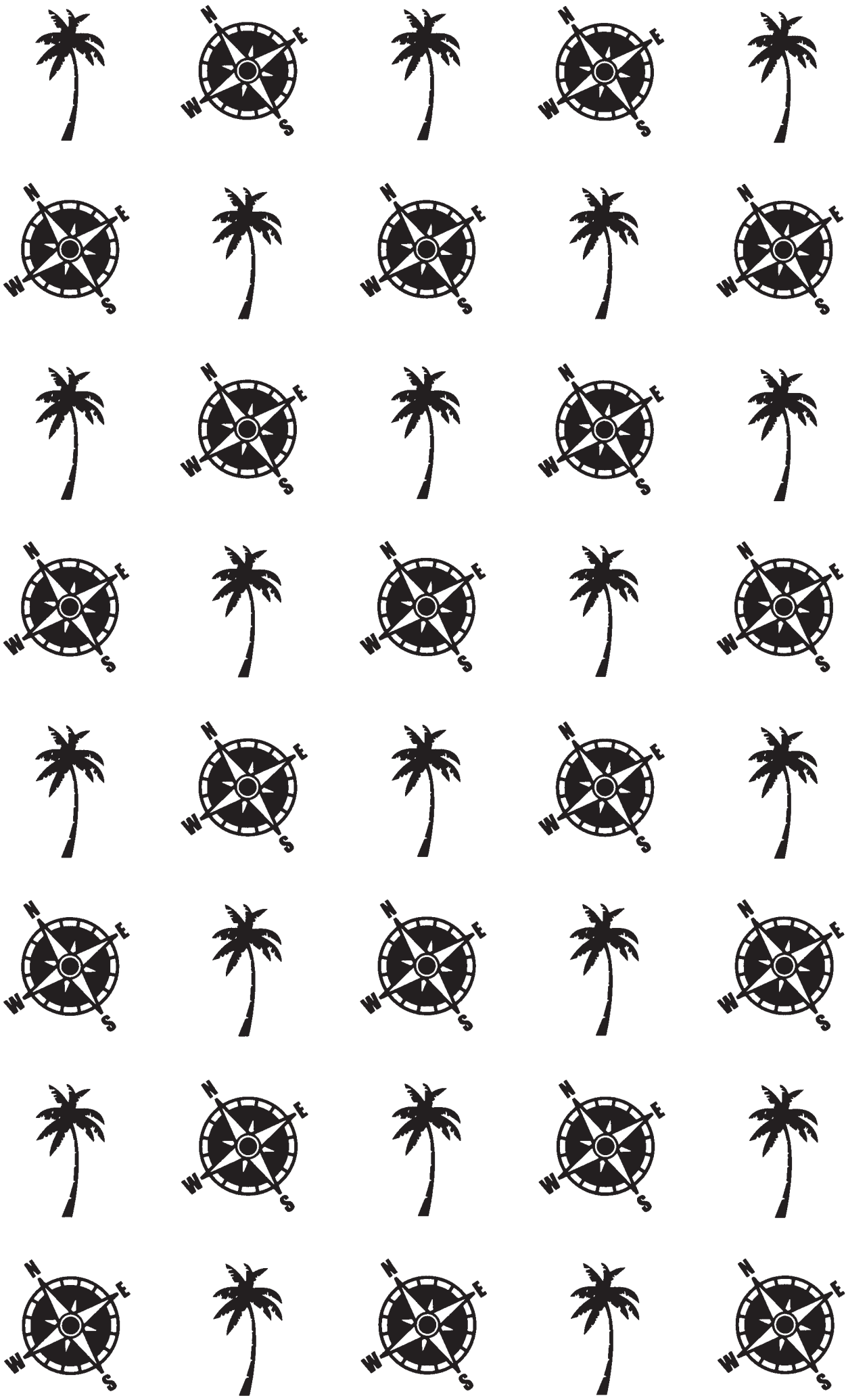
Fall Semester	Students Enrolled		
	Total	Full-time	Part-time
2000	2,090	1,142	948
2001	2,075	1,096	979
2002	2,182	1,093	1,089
2003	2,346	1,113	1,233
2004	2,440	1,125	1,315
2005	2,377	1,085	1,292
2006	2,358	1,079	1,279
2007	2,603	1,179	1,424
2008	2,884	1,331	1,553
2009	3,275	1,601	1,674
2010	3,815	1,899	1,916
2011	3,917	1,861	2,056
2012	3,663	1,695	1,968
2013	3,406	1,598	1,808
2014	3,186	1,450	1,736
2015	3,087	1,257	1,830

	Number of Employees		
	2013	2014	2015
Board of Regents Appointees	301	286	283
Faculty	232	214	207
Professor	18	19	18
Associate Professor	17	14	15
Assistant Professor	21	22	23
Instructor	46	40	36
Lecturer	112	103	100
Other	18	16	15
Support Staff	62	64	68
Executive Staff	7	8	8
Civil Service Staff	54	51	57
<b>Total Employees</b>	<b>355</b>	<b>337</b>	<b>340</b>

SOURCE: UNIVERSITY OF HAWAII, INSTITUTIONAL RESEARCH AND ANALYSIS OFFICE, ENROLLMENT CENSUS AND FACULTY/STAFF REPORTS.

# Geography & Land Use



## Section 3

### **GEOGRAPHY & LAND USE**

This section presents statistics on physical geography, water areas, climate, land use, value and ownership. Information on agriculture, forests and parks may be found in other sections of the book.

Hawai'i County covers the entire area of the largest island of the major eight islands in the State of Hawai'i. The total land area of Hawai'i County is 4,028.42 square miles with a general coastline of 266 statute miles. The highest peak in the county is Mauna Kea, at 13,796 feet above sea level; and the highest waterfall in the county is Kaluahine Falls, a 620-foot cascade.

The climate of Hawai'i County is defined by average temperatures ranging from 81.2 degrees in the warmest month at Hilo Airport to 66.4 degrees in the coolest month. Rainfall varies greatly. Annual averages for rainfall in the county range from 127 inches in Hilo, to 52 inches in Kealahou, to 12 inches at Lalamilo Field Office (Waimea).

The Hawai'i State Land Use Commission currently zoned 54,145 acres in Hawai'i County as urban; 1,304,347 as conservation; 1,212,886 as agricultural and 2,023 as rural.

Considerable caution is necessary in comparing statistics from different sources on land use and ownership. Variations in definitions and survey dates seriously affect comparability.

Sources important to these tables are the U.S. National Climatic Data Center, and The State of Hawai'i Data Book, published annually by the Department of Business, Economic Development and Tourism.

### 3.1.1

## LAND AND WATER AREA OF COUNTIES AND ISLANDS

County or Island	Square Miles			Acres <sup>1</sup>	
	Total	Land <sup>2</sup>	Inland Water <sup>3</sup>	Total	Land
<b>State Total</b>	<b>6468.2</b>	<b>6,422.63</b>	<b>45.6</b>	<b>4,139,667</b>	<b>4,110,483</b>
<b>Counties<sup>4</sup></b>					
Hawai'i	4029.4	4,028.42	1.0	2,578,829	2,578,189
Maui	1170.9	1,161.52	9.4	749,389	743,373
Kalawao	13.0	11.99	1.0	8,314	7,674
Honolulu <sup>5</sup>	624.9	600.74	24.2	399,962	384,474
Kaua'i <sup>5</sup>	630.0	619.96	10.0	403,174	396,774
<b>Islands<sup>4</sup></b>					
Hawai'i	4029.4	4,028.42	1.0	2,578,829	2,578,189
Maui	777.9	771.99	5.9	497,850	494,074
Molokini <sup>6</sup>	0.0	0.04	0.0	23	23
Kaho'olawe	45.5	44.60	0.9	29,120	28,544
Lāna'i	141.9	141.07	0.8	90,797	90,285
Moloka'i	263.3	260.46	2.8	168,486	166,694
O'ahu	621.6	597.64	24.0	397,850	382,490
Kaua'i	561.2	552.35	8.8	359,136	353,504
Ni'ihau	68.7	67.60	1.1	43,968	43,264
Lehua	0.4	0.44	0.0	284	284
Ka'ula	0.2	0.25	0.0	158	158

1. AREAS IN ACRES WERE CALCULATED DIRECTLY FROM THE FIGURES SHOWN FOR SQUARE MILES; THESE EQUIVALENTS WERE INDEPENDENTLY ROUNDED, AND HENCE MAY NOT ADD EXACTLY TO THE INDICATED TOTALS AND SUBTOTALS. ONE SQUARE MILE = 640 ACRES.

2. DRY LAND AND LAND TEMPORARILY OR PARTIALLY COVERED BY WATER, AS MARSHLAND, SWAMPS, ETC. STREAMS AND CANALS UNDER ONE-EIGHTH STATUTE MILE WIDE; AND LAKES, RESERVOIRS, AND PONDS UNDER 40 ACRES OF AREA.

3. PERMANENT INLAND WATER SURFACE, SUCH AS LAKES, RESERVOIRS, AND PONDS HAVING 40 ACRES OR MORE OF AREA; STREAMS, SLOUGHS, ESTUARIES, AND CANALS ONE-EIGHTH STATUTE MILE OR MORE IN WIDTH; DEEPLY INDENTED EMBAYMENTS AND SOUNDS, AND OTHER COASTAL WATERS BEHIND OR SHELTERED BY HEADLANDS OR ISLANDS SEPARATED BY LESS THAN 1 NAUTICAL MILE OF WATER AND ISLANDS HAVING LESS THAN 40 ACRES OF AREA.

4. BECAUSE OF ROUNDING, ISLAND FIGURES MAY NOT ADD TO COUNTY FIGURES.

5. REFLECT INCLUSION OF KA'ULA IN THE COUNTY OF KAUAI RATHER THAN IN THE CITY AND COUNTY OF HONOLULU (ACT 245, S.L.H. 1988, APPROVED JUNE 9, 1988).

6. MOLOKINI, OFFSHORE OF MAUI, NOT MEASURED; OTHER SOURCES GIVE THE AREA OF MOLOKINI AS 0.036 SQUARE MILES.

SOURCE: U.S. CENSUS BUREAU, 2010 CENSUS REDISTRICTING DATA (P.L. 94-171) SUMMARY FILE (FEBRUARY 2011), AND CALCULATIONS BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM, OFFICE OF PLANNING, STATE OF HAWAII DATA BOOK 2014 AND THE HAWAII STATE DATA CENTER, AND UNPUBLISHED RECORDS.

### 3.1.2

## GENERAL COASTLINE AND TIDAL SHORELINE BY COUNTY AND ISLAND

	General Coastline <sup>1</sup>		Tidal Shoreline <sup>2</sup>	
	Statute Miles	Kilometers <sup>3</sup>	Statute Miles	Kilometers <sup>3</sup>
<b>State Total</b>	<b>750</b>	<b>1,207</b>	<b>1,052</b>	<b>1,693</b>
<b>Counties</b>				
Hawai'i	266	428	313	504
Maui and Kalawao	210	338	343	552
Honolulu	137	220	234	377
Kaua'i	137	220	162	261
<b>Islands<sup>4</sup></b>				
Hawai'i	266	428	313	504
Maui	120	193	149	240
Kaho'olawe	29	47	36	58
Lāna'i	47	76	52	84
Moloka'i	88	142	106	171
O'ahu	112	180	209	336
Kaua'i	90	145	110	177
Ni'ihau	45	72	50	80
Ka'ula	2	3	2	3
<b>Northwestern Hawaiian Islands<sup>5</sup></b>	<b>25</b>	<b>40</b>	<b>25</b>	<b>40</b>
Nihoa	3	5	3	5
Necker Island	2	3	2	3
French Frigate Shoals	6	10	6	10
Laysan Island	6	10	6	10
Lisianski Island	3	5	3	5
Kure Atoll	5	8	5	8

1. FIGURES ARE LENGTHS OF GENERAL OUTLINE OF SEACOAST. DATA FOR THE FOUR ISLANDS OF MAUI COUNTY ARE NOT CONSISTENT WITH THE REPORTED COUNTY TOTAL.

2. SHORELINE OF OUTER COAST, OFFSHORE ISLANDS, BAYS, RIVERS, AND CREEKS IS INCLUDED TO THE HEAD OF TIDEWATER OR TO A POINT WHERE TIDAL WATERS NARROW TO A WIDTH OF 100 FEET.

3. DERIVED FROM DATA EXPRESSED IN STATUTE MILES; INDEPENDENTLY ROUNDED AND ACCORDINGLY MAY NOT ADD EXACTLY TO INDICATED TOTALS AND SUBTOTALS. 1 MI. = 1.609 KM.

4. DATA ARE NOT AVAILABLE FOR FIVE MINOR ISLANDS: MOLOKINI, LEHUA, GARDNER PINNACLES, MARO REEF, AND PEARL AND HERMES ATOLL.

5. EXCLUDES THE MIDWAY ISLANDS, WHICH ARE PART OF THE HAWAIIAN ARCHIPELAGO BUT NOT LEGALLY PART OF THE STATE OF HAWAII. MIDWAY HAS A GENERAL COASTLINE OF 20 MILES AND A TIDAL SHORELINE OF 33 MILES.

SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEAN SURVEY, THE COASTLINE OF THE UNITED STATES (1975) AND RECORDS.

### 3.1.3

## MAJOR NAMED WATERFALLS HAWAI'I COUNTY

Waterfall	Sheer Drop (feet)	Cascade Height (feet)	Horizontal Distance (feet)	Average Discharge (million gal/day)
Kaluahine	NA	620	400	NA
Akaka	442	NA	NA	NA
Waiilikahi	320	NA	NA	6.6
Hiilawe (3 falls)	NA	300	200	NA
Rainbow	NA	80	150	303.5

NA NOT AVAILABLE.

SOURCE: U.S. GEOLOGICAL SURVEY, RECORDS; HAWAI'I STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF WATER AND LAND DEVELOPMENT, RECORDS, AND HAWAI'I STATE DEPARTMENT OF PLANNING AND ECONOMIC DEVELOPMENT, HAWAI'I, THE NATURAL ENVIRONMENT(1974), P.18.

### 3.1.4

## ELEVATIONS OF MAJOR SUMMITS

*Elevation of the highest point on each island and other important peaks*

Island and Summit		Feet	Meters
<b>Hawai'i</b>	Mauna Ke'a <sup>1</sup>	13,796	4,205
	Mauna Loa <sup>2</sup>	13,679	4,169
	Hualālai	8,271	2,521
	Ka'unu o Kaleihoohe	5,480	1,670
	Kīlauea (Uwēkahuna)	4,093	1,248
	Kīlauea (Halema'uma'u Rim)	3,660	1,116
<b>Kaho'olawe</b>	Pu'u 'O Moa'ula Nui	1,483	452
	Pu'u Moa'ula Iki	1,434	437
<b>Maui</b>	Haleakalā (Red Hill)	10,023	3,055
	Haleakalā (Ka'upō Gap)	8,201	2,500
	Pu'u Kukui	5,788	1,764
	Īao Needle	2,250	686
<b>Lāna'i</b>	Lāna'ihale	3,366	1,026
<b>Moloka'i</b>	Kamakou	4,961	1,512
	Oloku'i	4,606	1,404
	Ka'unuohua	4,535	1,382
	Kalaupapa Lookout	1,600	488
	Mauna Loa (Kukui)	1,430	436
<b>O'ahu</b>	Ka'ala	4,003	1,220
	Pu'u Kalena	3,504	1,068
	Kōnahuanui	3,150	960
	Tantalus	2,013	614
	Olomana	1,643	501
	Koko Crater (Kohelepelepe)	1,208	368
	Nu'uanu Pali Lookout	1,186	361
	Diamond Head	760	232
	Koko Head	642	196
	Punchbowl	500	152



### 3.1.4

## CONTINUED

Island and Summit		Feet	Meters
<b>Kauaʻi</b>	Kawaikini	5,243	1,598
	Waiʻaleʻale	5,148	1,569
	Nāmolokama Mountain	4,421	1,348
	Kalalau Lookout	4,120	1,256
	Hāʻupu	2,297	700
	Sleeping Giant (Nounou)	1,241	378
<b>Niʻihau</b>	Paniau	1,250	381
<b>Lehua</b>		699	213
<b>Kaʻula</b>		548	167
<b>Nihoa</b>	Millers Peak	903	275
<b>Necker Island</b>	Summit Hill	276	84
<b>French Frigate Shoal</b>	La Perouse Pinnacles	120	37
<b>Gardner Pinnacles</b>		190	58
<b>Maro Reef</b>		Awash	Awash
<b>Laysan Island</b>		40	12
<b>Lisianski Island</b>		40	12
<b>Pearl and Hermes Atoll</b>		10	3
<b>Midway Islands</b>		12	4
<b>Kure Atoll</b>		20	6

1. ACCORDING TO THE 1995 GUINNESS BOOK OF RECORDS (P. 147), "THE WORLD'S TALLEST MOUNTAIN MEASURED FROM ITS SUBMARINE BASE (3,280 FATHOMS) IN THE HAWAIIAN TROUGH TO ITS PEAK IS MAUNA KEA... WITH A COMBINED HEIGHT OF 33,480 FT., OF WHICH 13,796 FT. ARE ABOVE SEA LEVEL."
2. GUINNESS (P. 142-143) DESCRIBES MAUNA LOA AS HAVING "DIMENSIONS, BUT NOT HEIGHT, [WHICH] EXCEED THOSE OF MT. EVEREST .... THE AXES OF ITS ELLIPTICAL BASE, 16,322 FT. BELOW SEA LEVEL, HAVE BEEN ESTIMATED AT 74 MILES AND 53 MILES."

SOURCE: HAWAII STATE DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES, SURVEY DIVISION, DATA PROVIDED APRIL 21, 1992; U.S. NATIONAL CARTOGRAPHIC INFORMATION CENTER, DATA PROVIDED OCTOBER 11, 1978; U.S. GEOLOGICAL SURVEY TOPOGRAPHIC MAPS, 1981-1984; HAWAIIAN GOVERNMENT SURVEY (FOR NIHOA AND MOLOKINI); U.S.S. TANAGER SURVEY, 1923 (FOR NECKER ISLAND, FRENCH FRIGATE SHOALS, LAYSAN, LISIANSKI, PEARL, HERMES ATOLL AND KURE ATOLL).

## 3.1.5

## MISCELLANEOUS GEOGRAPHIC STATISTICS BY ISLAND

	State	Hawai'i	Maui	Kaho'olawe	Lāna'i	Moloka'i	O'ahu	Kaua'i	Ni'ihau
Extreme Length (miles)	NA	93.0	48.0	11.0	18.0	38.0	44.0	33.0	8.0
Extreme Width (miles)	NA	76.0	26.0	6.0	13.0	10.0	30.0	25.0	6.0
Miles of Sea Cliffs with Heights of 1,000 Feet or More <sup>1</sup>	33.0	4.0	-	-	1.0	14.0	-	11.0	3.0
Miles from Coast of Most Remote Point	28.5	28.5	10.6	2.4	5.2	3.9	10.6	10.8	2.4
Percent of Area Within 5 Miles of Coast	48.6	30.0	76.1	100.0	100.0	100.0	79.0	65.0	100.0
Percent of Area with Elevation of Less than 500 Feet	20.8	12.0	24.9	38.9	24.8	37.3	45.3	35.6	78.2
Percent of Area with Elevation of 2,000 Feet or More	50.9	68.4	41.4	0.0	6.3	17.8	4.6	24.0	0.0
Approximate Mean Altitude (feet)	3,030	3,950	2,390	600	1,140	1,150	860	1,380	530
Percent of Area with Slope Less than 10%	63.5	76.0	38.5	60.0	61.0	53.0	42.5	33.5	68.0
Percent of Area with Slope 20% or more	17.0	4.0	36.0	9.0	16.0	26.0	45.5	50.5	12.5

1. ACCORDING TO LEE S. MOTTELER, GEOGRAPHY AND MAP DIVISION, BERNICE P. BISHOP MUSEUM, THE SEA CLIFFS ALONG THE NORTHEASTERN COAST OF MOLOKA'I BETWEEN UMILEHI POINT AND PU'UKA'OKU POINT DROP 3,250 FEET AT AN AVERAGE SLOPE OF 58 DEGREES. THESE CLIFFS HAVE BEEN DESCRIBED BY THE GUINNESS BOOK OF WORLD RECORDS (1995 EDITION, P. 154) AS "THE HIGHEST SEA CLIFFS IN THE WORLD."

NA: NOT APPLICABLE.

SOURCE: HAWAII STATE DEPARTMENT OF PLANNING AND ECONOMIC DEVELOPMENT, HAWAII, THE NATURAL ENVIRONMENT (1974), P. 19; AND U.S. GEOLOGICAL SURVEY, ELEVATIONS AND DISTANCES IN THE UNITED STATES (1978), P. 4-5.

## 3.1.6

## TEMPERATURE AND PRECIPITATION AVERAGES AND EXTREMES, HAWAI'I COUNTY

<b>TEMPERATURE</b>		<b>Period of Record</b>	<b>Elevation (feet)</b>	<b>Annual Average</b>		<b>Warmest Month</b>		<b>Coolest Month</b>		<b>Record High</b>		<b>Record Low</b>	
<b>Station</b>				<b>High</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>High</b>	<b>Low</b>	<b>°F</b>	<b>Date</b>	<b>°F</b>	<b>Date</b>
Hawai'i Volcanoes Nat. Park		1949-2012	3,971	69.2	52.6	72.3	55.3	Aug	Mar	89	12/15/2000	34	01/18/1978
Hilo International Airport		1949-2012	38	81.2	66.4	83.6	68.5	Sept	Feb	94	05/20/1966	53	02/21/1962
Kealahou		1956-2012	1,480	78.2	62.6	80.1	64.2	Oct	Jan	88	11/29/2001	43	02/25/1974
Lanai Field Off. (Waimea)		1980-2012	2,615	77.1	55.0	79.8	59.5	Sept	Apr	93	08/22/1982	30	12/17/1983
Mauna Loa Slope Obs.		1955-2012	11,150	53.2	36.2	57.2	39.4	June	Feb	85	02/18/2003	18	02/20/1962
Nā'ālehu		1949-2012	800	79.4	65.8	81.9	68.2	Sept	Jan	93	03/04/1984	50	01/18/1978
Opihihale		1956-2012	1,360	78.1	60.5	80.3	63.7	Aug	Feb	95	12/02/1957	48	02/21/1962
Pa'uilo		1949-2012	800	78.5	62.5	81.4	64.2	Sept	Mar	87	01/27/1961	48	12/10/2009

<b>PRECIPITATION</b>		<b>Annual Avg Inches</b>	<b>Days Precip ≥ 0.01 in.</b>	<b>Wettest Year</b>		<b>Driest Year</b>		<b>Wettest Month</b>		<b>Driest Month</b>		<b>1 Day Record</b>	
<b>Station</b>				<b>Inches</b>	<b>Year</b>	<b>Inches</b>	<b>Year</b>	<b>Inches</b>	<b>Month</b>	<b>Inches</b>	<b>Month</b>	<b>Inches</b>	<b>Date</b>
Hawai'i Volcanoes Nat. Park		106.84	288	204.05	1971	49.55	2010	12.63	Mar	4.79	June	16.75	02/20/1979
Hilo International Airport		126.61	277	211.22	1990	63.29	2010	15.09	Nov	8.13	Sept	16.87	02/20/1979
Kealahou		52.38	167	77.76	1963	36.26	1970	6.72	Aug	2.05	Feb	7.93	11/29/2007
Lanai Field Off. (Waimea)		11.63	81	29.99	2004	6.04	1995	2.10	Feb	0.35	July	5.47	12/24/1996
Mauna Loa Slope Obs.		16.61	53	34.79	1980	2.93	1998	2.27	Jan	0.46	June	8.15	01/13/1956
Nā'ālehu		47.24	126	89.83	1990	17.62	1998	6.42	Nov	1.50	June	10.44	12/26/1981
Opihihale		39.94	167	67.11	1982	19.34	2009	4.15	Sept	2.49	Feb	6.28	09/01/2007
Pa'uilo		93.11	179	179.43	1989	30.95	1962	12.54	Mar	3.34	June	13.43	04/03/1961

SOURCE: U.S. DEPT. OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, WESTERN REGIONAL CLIMATE CENTER, HAWAI'I CLIMATE SUMMARIES.

## MONTHLY RAINFALL AND TEMPERATURE AT SPECIFIED LOCATIONS HAWAII COUNTY, 2015

Rainfall	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
Halepohaku (Mauna Kea)	1.80	2.05	4.45	0.90	1.50	1.30	1.11	7.90	NA	NA	NA	NA	NA
Hawai'i Volcanoes National Park HQ	NA	4.23	4.63	9.02	8.60	4.32	NA	NA	NA	NA	NA	NA	NA
Hawi	6.11	2.71	6.97	3.55	5.27	3.85	3.15	5.50	4.25	5.54	5.03	4.41	56.34
Hilo International Airport	2.80	5.29	8.92	14.31	7.75	5.23	8.06	17.20	25.03	16.09	22.81	14.10	147.59
Honoka'a	14.73	7.64	16.88	5.21	6.85	8.93	5.41	14.09	13.31	25.32	12.52	5.87	136.76
Kapapala Ranch	1.59	2.09	4.93	1.44	1.81	3.76	5.26	11.48	11.67	5.43	0.58	2.28	52.32
Kealakekua	2.05	1.59	2.75	5.07	2.93	8.85	2.84	10.01	18.92	1.27	4.76	0.82	61.86
Lalamilo Field Office (Waimea)	3.20	NA	NA	NA	NA	NA	0.02	2.91	1.36	1.48	0.30	0.21	NA
Mauna Loa Slope Observatory	4.35	0.16	6.90	0.51	0.34	0.24	1.37	7.93	1.54	1.35	0.07	0.04	24.80
Nā'ālehu	1.00	2.26	3.48	0.93	1.02	2.91	1.81	9.62	9.82	3.39	5.34	1.62	43.20
Nāpo'opo'o	1.50	1.42	NA	5.04	0.43	5.14	1.65	9.34	NA	1.46	3.16	0.17	29.31
Opihihale	1.78	1.48	1.82	6.88	4.29	2.96	6.43	7.65	14.22	4.78	3.63	0.45	56.37
Pa'aulo	11.57	8.64	14.19	7.18	8.78	9.37	4.44	15.99	21.95	26.52	14.25	6.21	149.09
Pāpa'ikou	4.65	4.67	9.56	18.35	10.08	8.91	9.36	18.98	24.35	12.04	27.65	13.12	161.72

### 3.1.7

## CONTINUED

Temperature <sup>1</sup>	Jan	Feb	Mar	Apr	May	June	July	Aug	Sept	Oct	Nov	Dec	Annual
Hawai'i Volcanoes National Park HQ	NA	60.9	57.8	59.4	59.3	61.9	NA	NA	NA	NA	NA	NA	NA
Hawi	69.1	71.1	69.9	72.2	71.7	74.0	76.8	77.8	77.9	76.1	74.9	71.9	73.6
Hilo International Airport	73.0	74.3	72.6	74.3	73.8	76.8	79.4	79.7	80.0	78.6	76.8	74.7	76.2
Kealahou	68.2	69.8	68.8	69.7	69.7	72.3	74.4	75.7	75.7	74.9	73.0	70.3	71.9
Lanai Field Office (Maunaloa)	65.7	61.7	61.2	65.9	64.3	67.3	67.4	NA	NA	NA	66.6	62.5	NA
Maunaloa Slope Observatory	46.0	44.6	42.0	44.0	46.6	48.7	48.4	47.8	46.9	48.2	46.8	45.1	46.3
Opihahale	66.2	67.9	66.3	68.4	67.9	70.3	72.3	73.9	73.7	72.3	70.7	68.6	69.9
Pa'auilo	68.8	70.1	69.4	71.7	71.3	72.3	74.9	74.0	75.4	73.4	72.6	70.1	72.0

NA: NOT AVAILABLE

1. AVERAGE TEMPERATURE FOR THE MONTH.

SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, WESTERN REGIONAL CLIMATE CENTER, HAWAII CLIMATE SUMMARIES.

### 3.1.8

## ANNUAL RAINFALL AND TEMPERATURE AT SPECIFIED LOCATIONS, HAWAI'I COUNTY

	Annual Rainfall, Inches				
	2011	2012	2013	2014	2015
Halepohaku (Mauna Kea)	7.10	8.00	9.43	29.84	21.01
Hawai'i Volcanoes National Park HQ	73.58	73.67	68.37	72.96	NA
Hawi	26.34	46.61	23.88	54.44	56.34
Hilo International Airport	97.64	90.93	102.23	115.23	147.59
Honoka'a	68.75	46.73	67.62	128.66	136.76
Kapapala Ranch	21.23	NA	16.65	15.76	48.56
Kealakekua	49.53	27.22	28.43	39.34	61.86
Lalamilo Field Office (Waimea)	4.59	1.91	10.59	20.49	NA
Mauna Loa Slope Observatory	11.35	5.14	7.64	21.15	24.80
Nā'ālehu	11.49	18.73	27.02	52.87	43.20
Nāpo'opo'o	25.46	14.55	16.16	16.02	23.74
Opihihale	23.77	23.09	28.60	41.77	56.37
Pa'auilo	77.36	50.65	79.97	125.71	149.09
Pāpa'ikou	5.65	16.87	21.39	51.98	70.59

	Average Annual Temperature, Fahrenheit				
	2011	2012	2013	2014	2015
Hawai'i Volcanoes National Park HQ	61.4	59.6	60.3	61.8	59.9
Hawi	72.0	71.0	72.3	72.5	73.6
Hilo International Airport	73.7	73.5	74.7	74.4	76.2
Kealakekua	69.9	69.7	70.7	71.0	71.9
Lalamilo Field Office (Waimea)	62.2	61.7	64.6	64.9	NA
Mauna Loa Slope Observatory	44.8	45.5	45.9	45.5	46.3
Opihihale	68.1	67.7	68.8	68.6	69.9
Pa'auilo	70.4	69.7	70.9	71.0	72.0

NA: NOT AVAILABLE.

SOURCE: U.S. DEPARTMENT OF COMMERCE, NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION, NATIONAL CLIMATIC DATA CENTER.

### 3.2.1

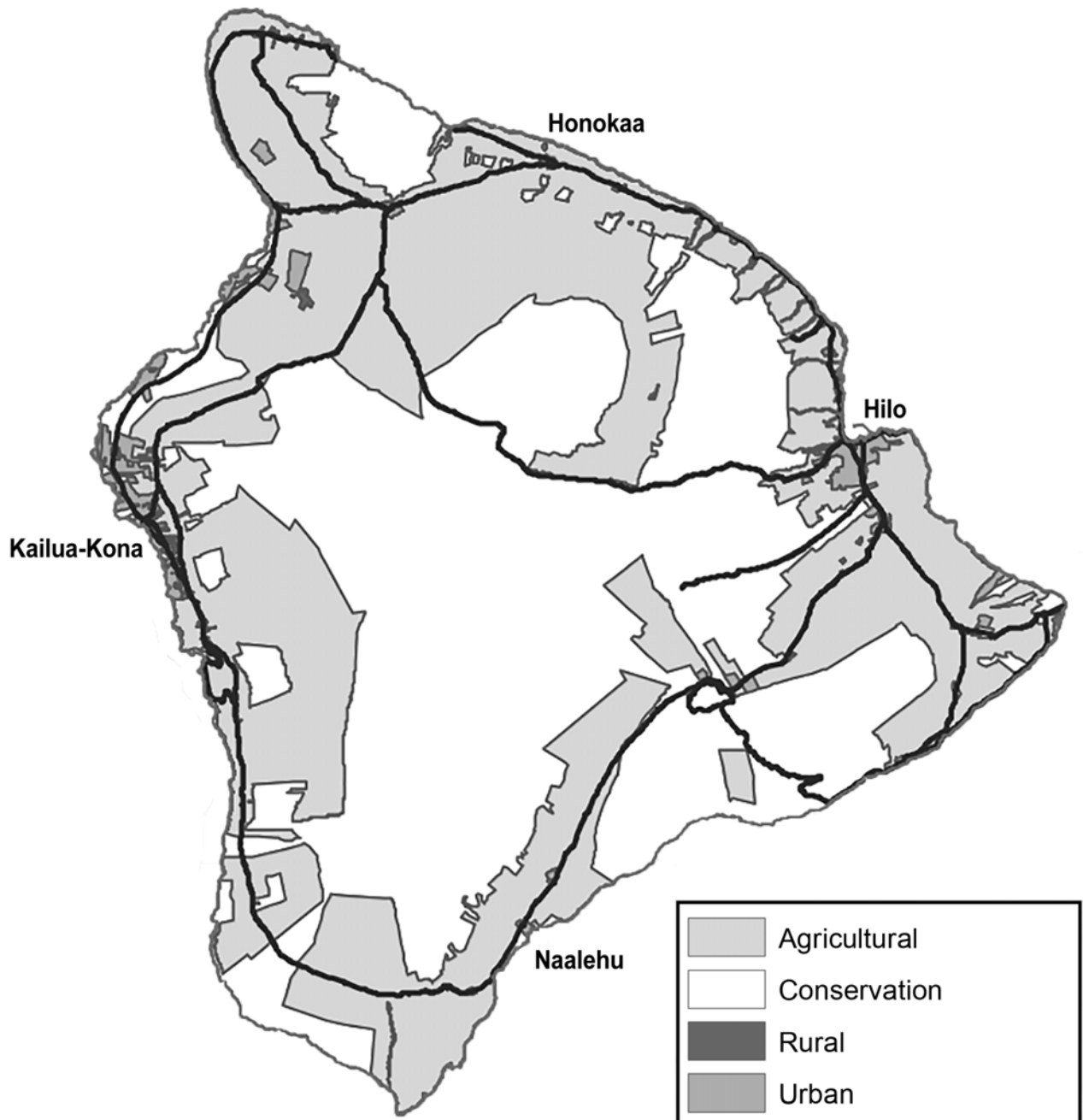
## TRENDS IN REAL PROPERTY TAX BASE HAWAII COUNTY

	2010	2011	2012	2013	2014	2015
<b>Affordable Rental</b>	<b>167,136</b>	<b>223,895</b>	<b>175,094</b>	<b>180,869</b>	<b>172,625</b>	<b>207,900</b>
Land	57,875	79,753	64,309	64,709	61,638	73,365
Improvements	109,261	144,142	110,785	116,160	110,987	134,535
<b>Residential</b>	<b>7,177,592</b>	<b>6,745,984</b>	<b>6,738,613</b>	<b>6,732,870</b>	<b>7,292,307</b>	<b>8,010,960</b>
Land	3,946,924	3,710,638	3,675,311	3,598,523	3,873,805	4,338,266
Improvements	3,230,668	3,035,346	3,063,302	3,134,347	3,418,502	3,672,694
<b>Homeowner</b>	<b>8,903,467</b>	<b>8,915,120</b>	<b>9,039,395</b>	<b>9,311,972</b>	<b>9,703,387</b>	<b>10,011,153</b>
Land	3,051,494	2,985,553	2,957,797	2,983,838	3,024,649	3,148,614
Improvements	5,851,973	5,929,567	6,081,598	6,328,134	6,678,738	6,862,539
<b>Hotel/Resort</b>	<b>1,594,872</b>	<b>1,453,363</b>	<b>1,256,104</b>	<b>1,196,885</b>	<b>1,357,075</b>	<b>1,190,797</b>
Land	731,699	631,223	537,754	502,928	623,893	480,119
Improvements	863,173	822,140	718,350	693,957	733,182	710,678
<b>Apartment</b>	<b>3,904,958</b>	<b>4,017,915</b>	<b>3,559,432</b>	<b>3,574,694</b>	<b>3,888,725</b>	<b>4,125,279</b>
Land	1,172,579	1,185,029	1,107,715	1,098,299	1,082,623	1,126,044
Improvements	2,732,379	2,832,886	2,451,717	2,476,395	2,806,102	2,999,235
<b>Commercial</b>	<b>1,858,264</b>	<b>1,738,905</b>	<b>1,672,289</b>	<b>1,597,822</b>	<b>1,662,810</b>	<b>1,606,809</b>
Land	1,016,978	927,768	899,274	841,035	844,398	803,813
Improvements	841,286	811,137	773,015	756,787	818,412	802,996
<b>Industrial</b>	<b>1,086,608</b>	<b>1,042,581</b>	<b>966,283</b>	<b>940,787</b>	<b>1,058,257</b>	<b>1,050,572</b>
Land	612,522	578,452	476,084	453,408	549,589	543,757
Improvements	474,086	464,129	490,199	487,379	508,668	506,815
<b>Agricultural</b>	<b>5,692,162</b>	<b>5,183,300</b>	<b>5,072,530</b>	<b>5,065,062</b>	<b>5,309,882</b>	<b>5,507,654</b>
Land	2,998,766	2,712,365	2,552,202	2,496,184	2,551,055	2,686,272
Improvements	2,693,396	2,470,935	2,520,328	2,568,878	2,758,827	2,821,382
<b>Conservation</b>	<b>412,610</b>	<b>398,980</b>	<b>375,931</b>	<b>312,463</b>	<b>315,735</b>	<b>332,735</b>
Land	361,655	350,798	329,588	271,497	267,132	282,561
Improvements	50,955	48,182	46,343	40,966	48,603	50,174
<b>Total</b>	<b>30,797,669</b>	<b>29,720,043</b>	<b>28,855,671</b>	<b>28,913,424</b>	<b>30,760,803</b>	<b>32,043,859</b>

NOTE: GROSS VALUATION IN THOUSANDS AS OF MID-APRIL.

SOURCE: CITY AND COUNTY OF HONOLULU, DEPARTMENT OF BUDGET AND FISCAL SERVICES. REAL PROPERTY ASSESSMENT DIVISION.

## LAND USE DISTRICTS, HAWAI'I COUNTY



SOURCE: HAWAI'I STATE OFFICE OF PLANNING, HAWAI'I STATEWIDE GIS PROGRAM, APRIL 2013.



### 3.2.3

## ESTIMATED ACREAGE OF LAND USE DISTRICTS BY ISLAND, 2014

*Total acreage, including inland water, as classified by the Hawai'i State Land Use Commission under the provisions of Chapter 205, Hawai'i Revised Statutes, as amended; all data are approximate*

Island	Classification by State Land Use Commission <sup>2</sup>				
	Total Area <sup>1</sup>	Urban	Conservation	Agricultural	Rural
Hawai'i <sup>3</sup>	2,573,400	54,145	1,304,347	1,212,886	2,023
Maui	465,800	24,191	194,836	242,720	4,053
Lāna'i	90,500	3,330	38,197	46,566	2,407
Moloka'i	165,800	2,539	49,768	111,627	1,866
Kaho'olawe	28,800	0	28,800	0	0
O'ahu	386,188	101,661	156,829	127,698	0
Kaua'i <sup>4</sup>	353,900	14,573	198,769	139,305	1,253
Ni'ihau <sup>4</sup>	45,700	0	0	45,700	0
Ka'ula and Lehua	400	0	400	0	0
Other islands <sup>5</sup>	1,900	0	1,900	0	0
<b>State total</b>	<b>4,112,388</b>	<b>200,439</b>	<b>1,973,846</b>	<b>1,926,502</b>	<b>11,602</b>

1. THESE TOTALS DIFFER SOMEWHAT FROM THE OFFICIAL FIGURES BASED ON MEASUREMENTS BY THE GEOGRAPHY DIVISION OF THE U.S. BUREAU OF THE CENSUS, CITED IN SECTION 5.
2. FOR DEFINITIONS, SEE HAWAII REVISSED STATUTES, SECTION 205-2.
3. COUNTY RECORDS UPDATE INDICATED 5 ACRES CHANGED FROM AGRICULTURAL TO URBAN.
4. MAY BE REVISED, PENDING UPDATES OF COUNTY RECORDS.
5. THE NORTHWESTERN HAWAIIAN ISLANDS, FROM NIHOA TO KURE ATOLL, EXCLUDING MIDWAY.

SOURCE: HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, LAND USE COMMISSION, RECORDS.

### 3.2.4

## LAND OWNERSHIP, HAWAI'I COUNTY



SOURCE: HAWAI'I STATE OFFICE OF PLANNING, HAWAI'I STATEWIDE GIS PROGRAM, AUGUST 2013.

### 3.2.5

## NATIONAL AND STATE HISTORIC PLACES HAWAII COUNTY

(Kapoho Quad) King's Highway	Christ Church Episcopal	Kaiakekua Complex
(Kea'au Ranch Quad) Burials	Crater Rim Drive	Kalaniana'ole Elementary & Intermediate School
(Keāhole Quad) Habitation Cluster	Daifukuji Soto Zen Mission	Kalaoa Permanent House Site 10,205
(Keāhole Quad) Habitation Site	District Courthouse and Police Station	Kalapana Painted Church
(Keāhole Quad) House and Burials	East Hāmākua Protestant Church	Kaloko-Honokōhau National Hist. Park
(Keāhole Quad) Shelter and Pen	Edward H. and Claire Moses House	Kamakahonu, Residence of King Kamehameha I
(Keawanui Quad) Habitation & Burials	Francis E. li Brown House	Kamehameha Hall
(Keawanui Quad) Habitation Complex	Greenwell Store	Kamehameha III's Birthplace
(Keawanui Quad) Possible Heiau	H. Tanimoto Residence (Honomū Theater)	Kamoa Point Complex
(Keawanui Quad) Vault Complex	Hakalau Plantation Manager's House	Kapalaoa Archaeological District
(Manukā Quad) Habitation Complex	Hale Hālāwai o Hōlualoa	Ka'u High & Pāhala Elementary School
(Manukā Quad) Heiau and Trail	Haleokāne Heiau	Kaulanamaluna Upland Complex
(Manukā Quad) Koa	Hāmākua Steel Bridges	Kealakekua Bay Historical District
(Manukā Quad) Kuleana Complex	Hashimoto House	Keauhou Hōlua Slide
(Manukā Quad) Lava Tube Complex	Hawi Plantation Manager's Residence	Keauohana ahupua'a Archaeol. District
(Manukā Quad) Platform and Mounds	Heiau in Kukuipahu	Keawaiki Complex
(Manukā Quad) Platform and Shelters	Heichi & Hawai Kawabata Home	Keolonāhihi/ Kamoa Point Complex
(Manukā Quad) Shrine and Heiau	Herbert Austin Truslow House	Kīholo-Puakō Trail
(Miloli'i Quad) Burial Cave	Hilina Pali Road	Ki'i Petroglyphs
1790 Footprints	Hilo High School	Kīlauea Crater
A. J. Williamson House	Hilo Masonic Lodge Hall	Kīlauea Lodge
A. Nanbu Hotel, Holy's Bakery	Hilo Union Elementary School	Kīpuka Malua Complex
Āhole Hōlua Complex	Hoku Loa Church	Kohala District Courthouse
Āhua A 'Umi Heiau	Hōlualoa 4 Archeological District	Kuamo'o Burials
'Āinahou Ranch	Hōlualoa Telephone Exchange Building	Lanihau Papamū
'Ainapō Trail (Menzies Trail)	Honoka'a High & Elementary School	Lapakahi Complex
Ala Loa (Puna District)	Honoka'a Plantation Manager's Res.	Laupāhoehoe High and Elementary School
Ala Loa Foot Trail	Honoka'a Town MP Ferreira Building	Levi and Netti Lyman House
Anna Ranch	Hulihe'e Palace	Ludloff Residence
Asa and Lucy Thurston House Site	'Imiola Church	Mackenzie Petroglyphs
Bobcat Trail Habitation Cave	James and Catherine Parker House	Mahana Archeological District
Bond District	James M. Hind House	Makeanehu Complex
Boundary Change	Ka'elemakule-Magoon House Complex	Manukā Bay Hōlua Slide
Chee Ying Society	Kahalu'u Historic District	Manukā Bay Petroglyphs
Chiefess Kapi'olani Elem. School	Kahikolu Church	Masao Kubo Residence

CONTINUES ON THE NEXT PAGE

### 3.2.5

## CONTINUED

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Matayoshi Hospital	S. Hata Building
Mauna Kea Adz Quarry	Samuel and Asako Haraguchi Residence
Mauna Loa Road	South Manukā Bay Complex
Mauna Loa Trail	South Point Complex
Michael Victor Houses	St. Benedict's Catholic Church
Moku'aikaua Church	Star of the Sea Church, Kalapana Painted Church
Mo'okini Heiau	Thomas Guard House (a.k.a. Wylie House and Leonard House)
Mountain View Theater	Tomikawa Store
Nā'ālehu School	Tong Wo Society Building
North Honomalino Complex	US Post Office & Office Building (Hilo)
Okoe Bay Complex	Uchida Coffee Farm
Old Laupāhoehoe Jodo Mission	Union Mill Managers Residence
Old Lindsey House	United Community Church
Old Riverside School (Hilo District Office)	Volcano Block Building
Old Volcano House No. 42	W. H. Shipman House
Old Waimea Elementary School Building/ Isaacs Art Center	W.H. Hill Residence a.k.a. Vernon D. & Alice L. Shutte Residence
'Opihikao Evangelical Church Residence	Waiākea Mission Station or Halli Church
Pā'auhau Plantation House	Waimea Elementary School
Palace Theater	Walter Irving & Jean Henderson House
Patrick and Ethel McGuinness Residence	Wawalo'i Habitation
Pua'a-2 Agricultural Fields Archeological District	Whitney Seismograph Vault No. 29
Puakea Ranch	Wilkes Campsite
Puakō Petroglyph Archeological District	Yamamoto Store
Puakō Petroglyph Boundary Change	
Puna-Ka'u Historic District, Hawai'i Volcanoes National Park	
Pu'uhonua o Hōnaunau National Historical Park	
Pu'ukoholā Heiau National Historic Site	
Rev. D. B. Lyman House	

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SOURCE: HAWAII STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, STATE HISTORIC PRESERVATION DIVISION.

### 3.2.6

## NUMBER OF LAND RECORDS BY COUNTY

*For fiscal year ending June 30*

Year	Hawai'i	Honolulu	Kaua'i	Maui	State Total
2004	134,290	255,029	28,772	60,537	478,628
2005	134,021	258,415	28,936	61,273	482,645
2006	134,885	262,479	29,423	62,521	489,308
2007	136,612	268,441	30,831	64,597	500,481
2008	138,281	271,859	31,822	65,938	507,900
2009	139,167	274,483	32,398	67,981	514,029
2010	139,649	276,582	32,870	68,930	518,031
2011	139,883	277,581	32,993	70,365	520,822
2012	140,008	278,825	34,023	71,101	523,957
2013	140,196	279,754	34,172	71,234	525,356
2014	140,257	281,463	34,124	71,515	527,359
2015	140,336	285,092	33,370	71,907	530,705

SOURCE: CITY AND COUNTY OF HONOLULU, DEPARTMENT OF BUDGET AND FISCAL SERVICES. REAL PROPERTY ASSESSMENT DIVISION.

### 3.2.7

## DEPARTMENT OF HAWAIIAN HOME LANDS ACREAGE, LESSEES, AND APPLICANTS, BY ISLAND

*The Department of Hawaiian Home Lands administers land set aside for the benefit of qualified Native Hawaiians, who receive homestead leases and financial assistance from the Department*

June 30, 2014	State Total	Hawai'i	Maui	Lāna'i	Moloka'i	O'ahu	Kaua'i
Acreage							
Homestead leases	NA	NA	NA	NA	NA	NA	NA
General leases	2,839	741	2	0	1,764	234	98
Licenses	24,322	16,470	7,110	0	350	309	84
Others	38,517	19,122	6,351	25	9,982	1,853	1,184
Homestead Leases	9,838	2,518	1,416	29	844	4,284	747
Residential	8,329	1,707	1,276	29	394	4,223	700
Agricultural	1,101	506	65	0	423	61	46
Pastoral	408	305	75	0	27	0	1
Applications	43,795	14,686	8,838	72	2,013	14,055	4,131
Residential	22,335	5,718	3,686	72	763	10,480	1,616
Agricultural	18,437	7,039	4,562	0	1,055	3,575	2,206
Pastoral	3,023	1,929	590	0	195	0	309

NA: NOT AVAILABLE.

SOURCE: HAWAII STATE DEPARTMENT OF HAWAIIAN HOMELANDS, ANNUAL REPORTS AND RECORDS.

### 3.2.8

## DISPOSITION OF STATE LANDS HAWAII COUNTY, 2015

Document Number	Permittee or Grantee Name	Location	Acres	Use	Payment
<b>Revocable Permits</b>					
RP7847	Richard E. Souza and Donna Lee Souza	Ka'u	188	Pasture	1,440
RP7852	Ermino Mazzarino	Ka'u	2.44	Agriculture	480
<b>General Leases &amp; Term Easements</b>					
GL6071	CH2, Stephen T. Hurwitz, and Robert P. Chancer	South Kohala	0.012	Seawall	37,300
GL6076	Water Board of the County of Hawai'i	South Kohala	83.997	Utility	7,000
<b>Perpetual Easements</b>					
L0D29062	Scott and Constance E. Cirimeli	Ka'u	0.369	Access & Utility	10,260*
<b>Subleases</b>					
GL6076	Water Board of the County of Hawai'i	South Kohala	84	Utility	0
	Sublessee: Lalamilo Wind Company, LLC.	South Kohala	44.5	Utility	6,000

\* ONE-TIME PAYMENT.

SOURCE: STATE OF HAWAII, DEPARTMENT OF LAND AND NATURAL RESOURCES, LAND DIVISION.

### 3.2.9

## SINGLE FAMILY HOME AND CONDOMINIUM SALES BY AREA, HAWAI'I COUNTY, 2015

Area	# Sales	% Change Last Yr	Median Price	% Change Last Yr	Total volume	% Change Last Yr
<b><u>Residential</u></b>						
Zone 1 Puna	641	3%	\$175,000	-3%	\$125,190,888	1%
Zone 2 South Hilo	286	4%	\$315,000	16%	\$103,781,579	15%
Zone 3 North Hilo	25	14%	\$450,000	20%	\$14,013,500	-3%
Zone 4 Hāmākua	50	28%	\$311,000	-7%	\$19,298,050	24%
Zone 5 North Kohala	45	27%	\$630,000	18%	\$36,071,856	-23%
Zone 6 South Kohala	279	19%	\$485,000	8%	\$214,869,729	53%
Zone 7 North Kona	454	4%	\$560,000	2%	\$401,594,845	-6%
Zone 8 South Kona	80	31%	\$386,500	7%	\$40,793,619	65%
Zone 9 Ka'u	145	9%	\$165,000	18%	\$26,168,800	13%
<b>Total</b>	<b>2,005</b>	<b>6%</b>	<b>\$328,500</b>	<b>4%</b>	<b>\$981,782,866</b>	<b>8%</b>
<b><u>Condominium</u></b>						
Zone 1 Puna	1	0%	\$255,000	0%	\$255,000	0%
Zone 2 South Hilo	63	15%	\$110,000	-6%	\$8,690,510	21%
Zone 3 North Hilo	0	0%	\$0	0%	\$0	0%
Zone 4 Hāmākua	0	0%	\$0	0%	\$0	0%
Zone 5 North Kohala	0	0%	\$0	0%	\$0	0%
Zone 6 South Kohala	207	-5%	\$457,000	-3%	\$123,989,207	-1%
Zone 7 North Kona	371	1%	\$265,000	2%	\$163,024,391	11%
Zone 8 South Kona	6	0%	\$243,500	0%	\$2,076,000	0%
Zone 9 Ka'u	3	-25%	\$100,000	-25%	\$303,000	-46%
<b>Total</b>	<b>651</b>	<b>1%</b>	<b>\$275,000</b>	<b>-2%</b>	<b>\$298,338,108</b>	<b>7%</b>

SOURCE: THE INFORMATION CONTAINED IN THIS REPORT IS COPYRIGHT 2015 BY HAWAI'I INFORMATION SERVICE.  
INFORMATION COURTESY HAWAI'I INFORMATION SERVICE ON BEHALF OF HAWAI'I ISLAND REALTORS."



### 3.2.10

## LAND AND COMMERCIAL SALES BY AREA, HAWAI'I COUNTY, 2015

Area	# Sales	% Change Last Year	Median Price	% Change Last Year	Total volume	% Change Last Year
<b><u>Vacant Land</u></b>						
Zone 1 Puna	856	-7%	\$18,000	-8%	\$24,512,411	-16%
Zone 2 South Hilo	121	27%	\$162,500	-2%	\$26,037,833	34%
Zone 3 North Hilo	7	-36%	\$350,000	100%	\$2,411,500	18%
Zone 4 Hāmākua	22	38%	\$240,000	10%	\$9,641,500	94%
Zone 5 North Kohala	45	-4%	\$239,000	-11%	\$16,122,700	-18%
Zone 6 South Kohala	66	10%	\$237,500	7%	\$39,495,400	-15%
Zone 7 North Kona	151	-16%	\$340,000	10%	\$164,574,847	13%
Zone 8 South Kona	62	2%	\$100,000	-35%	\$9,719,800	-24%
Zone 9 Ka'u	241	15%	\$11,500	-4%	\$16,958,386	277%
<b>Total</b>	<b>1,571</b>	<b>-2%</b>	<b>\$27,500</b>	<b>1%</b>	<b>\$309,474,377</b>	<b>9%</b>
<b><u>Commercial</u></b>						
Zone 1 Puna	1	-75%	\$200,000	-40%	\$200,000	-86%
Zone 2 South Hilo	10	-9%	\$272,500	82%	\$3,911,660	5%
Zone 3 North Hilo	0	0%	\$0	0%	\$0	0%
Zone 4 Hāmākua	0	-100%	\$0	-100%	\$0	-100%
Zone 5 North Kohala	1	-67%	\$367,500	19%	\$367,500	-86%
Zone 6 South Kohala	4	300%	\$585,000	38%	\$3,890,000	815%
Zone 7 North Kona	6	100%	\$617,500	45%	\$4,785,000	74%
Zone 8 South Kona	3	200%	\$970,000	146%	\$2,790,000	606%
Zone 9 Ka'u	3	-25%	\$7,100,000	-4%	\$7,100,000	0%
<b>Total</b>	<b>26</b>	<b>4%</b>	<b>\$512,500</b>	<b>51%</b>	<b>\$23,044,160</b>	<b>92%</b>

SOURCE: THE INFORMATION CONTAINED IN THIS REPORT IS COPYRIGHT 2015 BY HAWAI'I INFORMATION SERVICE.  
INFORMATION COURTESY HAWAI'I INFORMATION SERVICE ON BEHALF OF HAWAI'I ISLAND REALTORS.



### 3.2.11

## FOREST AND NATURAL AREA ACREAGE BY ISLAND

*On June 30, 2014*

Island	Conservation district forest land		Natural areas	
	Forest reserve <sup>1</sup>	Private forest <sup>2</sup>	Number of areas	Acres
<b>State total</b>	<b>649,667</b>	<b>328,742</b>	<b>20</b>	<b>123,810</b>
Hawai'i	446,766	106,745	8	94,954
Maui	68,220	53,180	5	18,543
Kaho'olawe	0	0	0	0
Lāna'i	0	6,150	0	0
Moloka'i	11,690	0	2	2,950
O'ahu	36,817	88,817	3	2,148
Kaua'i	86,174	73,850	2	5,215
Ni'ihau	NA	NA	NA	NA

1. STATE-OWNED AND PRIVATELY-OWNED LANDS UNDER SURRENDER AGREEMENT IN FOREST RESERVE SYSTEM.

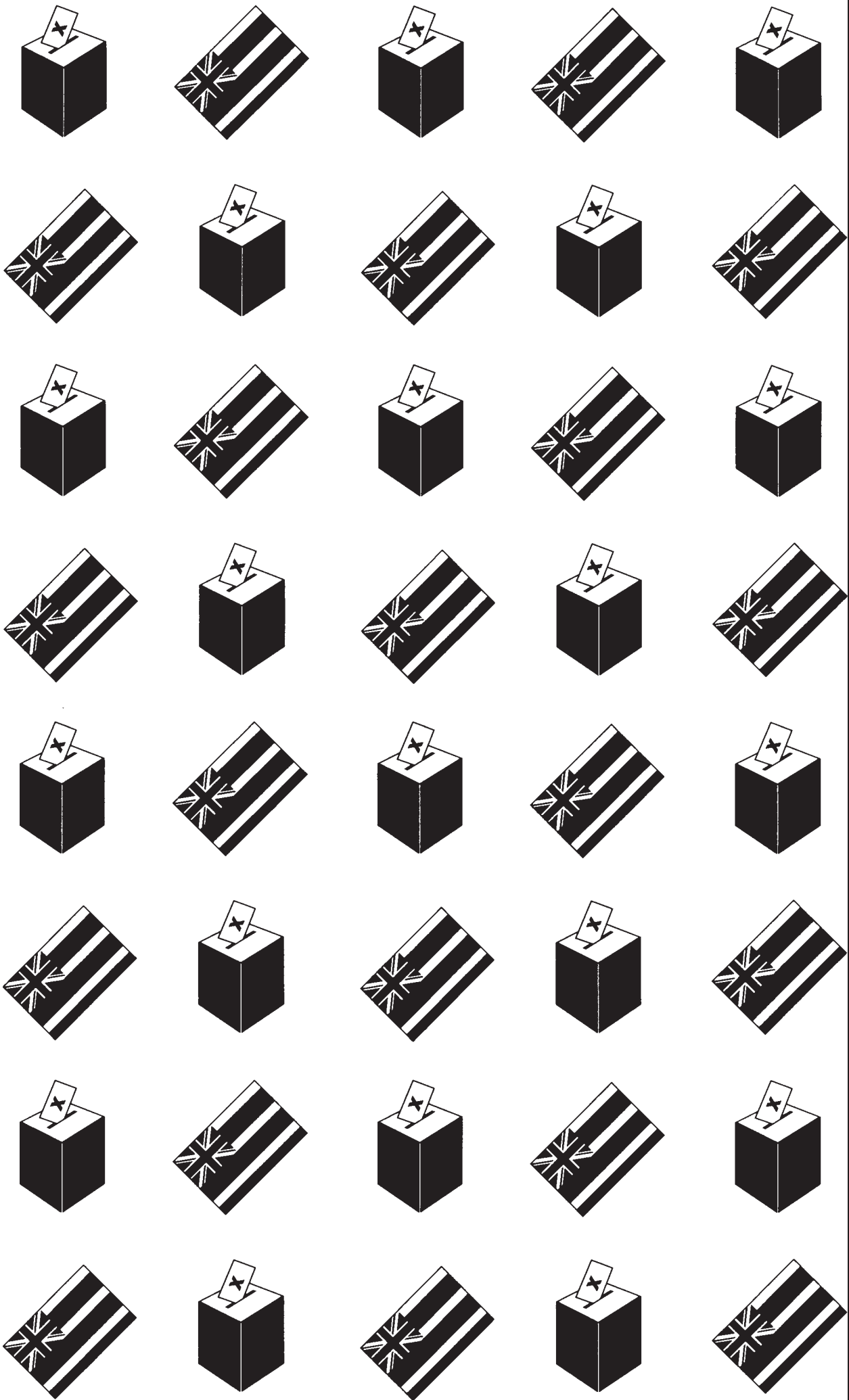
2. PRIVATE FOREST LAND WITHIN CONSERVATION DISTRICT. THE MAJORITY OF THESE LANDS WERE PREVIOUSLY IN THE FOREST RESERVE SYSTEM.

NA: NOT APPLICABLE.

SOURCE: HAWAII STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF FORESTRY AND WILDLIFE.

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# GOVERNMENT



## Section 4

# GOVERNMENT

This section presents data related to local government such as election districts, registered voters and votes cast, county operating revenues, general excise and use tax base, real property valuations and rates, government debt, and the state and local tax burden.

Local government in the State of Hawai'i is vested in several models: one combined city and county (Honolulu, consisting of the Island of O'ahu and outlying islets), three non-metropolitan counties (Hawai'i, Kaua'i and Maui), and one area (Kalawao County) administered by the Hawai'i State Department of Health. Separate municipal governments do not exist.

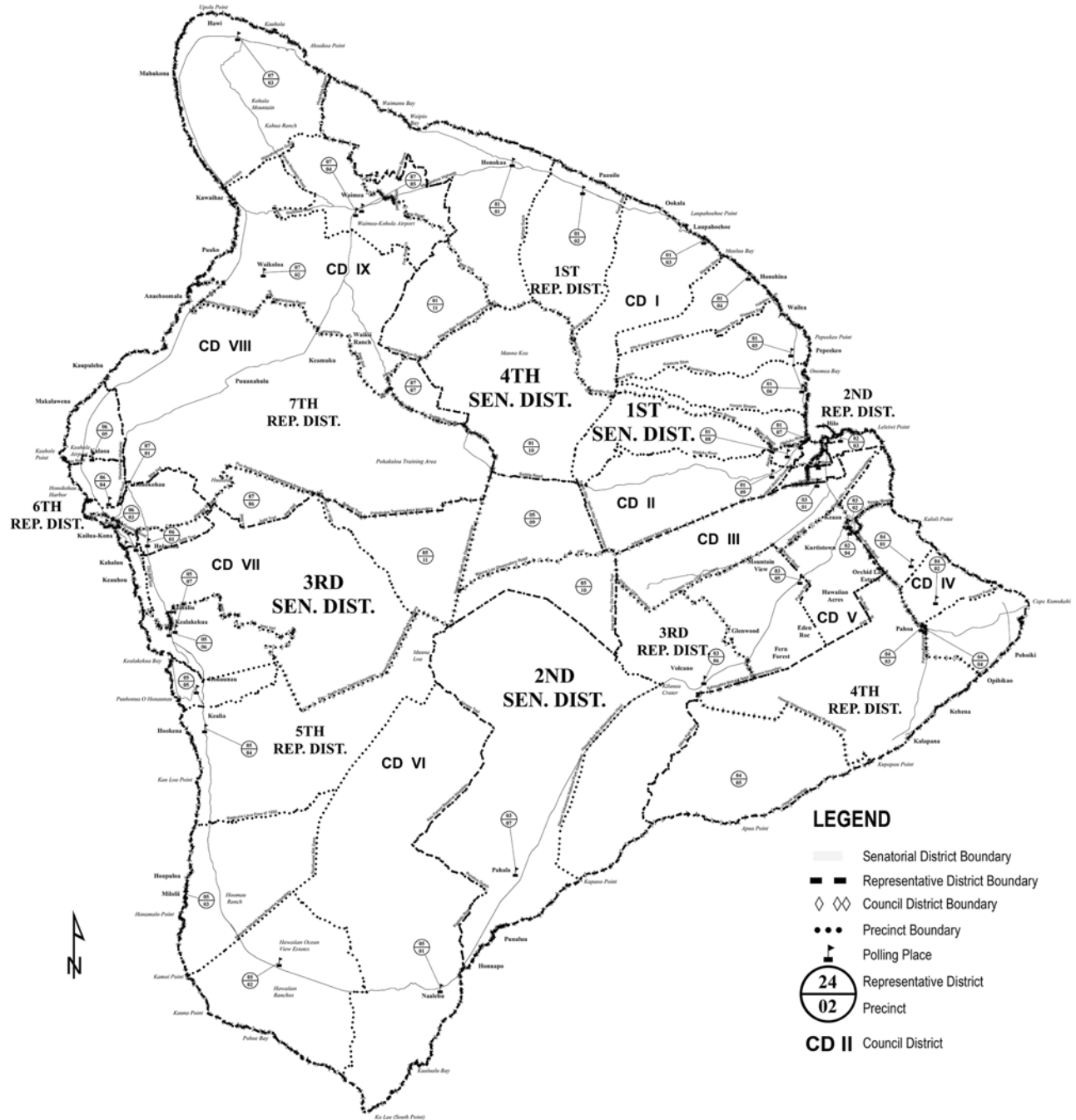
Official results for the primary, general and special elections are published by the Office of Elections. Reapportionment for Hawai'i County was effected in May 2012.

Important sources on statistics on government include: Government in Hawai'i; Revenue Trends (monthly tax collection reports), Hawai'i State Department of Taxation; State of Hawai'i Data Book, and Hawai'i State Department of Business, Economic Development and Tourism.

For more detail on government finances and spending, see Comprehensive Annual Financial Report, County of Hawai'i; and Consolidated Federal Funds Report, U.S. Department of Commerce, Bureau of the Census, which has detail on Federal Government spending down to the county level. It is available on the Internet at <http://www.census.gov/>. The State of Hawai'i does not report on its spending by county.

## 4.1.1

# MAP OF ELECTION DISTRICTS, HAWAI'I COUNTY



SOURCE: STATE OF HAWAI'I, OFFICE OF ELECTIONS, JANUARY 2016.

## LIST OF POLLING PLACES

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### 1st Representative District

1. Honoka'a High School
2. Pa'auilo Elementary School
3. Pāpa'aloa Gym
4. Honohina Hongwanji
5. Kula'imano Community Center
6. Kalaniana'ole Elem. & Interm. School
7. Pu'ue'o Multi-Culture Center
8. Ernest B DeSilva Elementary School
9. Kaūmana Elementary School

### 2nd Representative District

1. Hilo High School
2. Edith Kanakaole Tennis Stadium
3. Keaukaha Elementary School
4. Waiākea Elementary School
5. Waiākea High School

### 3rd Representative District

1. AJA Memorial Hall
2. Kea'au Elementary School
3. Vote By Mail Precinct
4. Kea'au Middle School
5. Mountain View Elementary School
6. Cooper Center, Community Center
7. Ka'u High School

### 4th Representative District

1. Hawaiian Paradise Park Community Ctr
2. Keonepoko Elementary School
3. Pāhoa Community Center
4. Pāhoa High/Intermediate School

### 5th Representative District

1. Nā'ālehu Elementary School
2. Ocean View Community Center
3. Miloli'i Halau
4. Ho'okena Elementary School
5. St Benedict Catholic Church
6. Konawaena Elementary School
7. Konawaena High School
8. Kona Vistas Rec Center

### 6th Representative District

1. Hōlualoa Elementary School
2. Kahakai Elementary School
3. Kekuaokalani Gym at Kailua Park
4. Kealakehe High School
5. Kona Palisades Community Center

### 7th Representative District

1. Kealakehe Intermediate School
2. Waikoloa Elementary School
3. Kohala High & Elementary School
4. Waimea Elementary School
5. Waimea Civic Center

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SOURCE: STATE OF HAWAII, OFFICE OF ELECTIONS.

## 4.2.1

# REGISTERED VOTERS AND VOTES CAST IN THE NOVEMBER 4, 2014 GENERAL ELECTION

District	Precinct Name	Registered Voters	Votes Cast	Turnout	District	Precinct Name	Registered Voters	Votes Cast	Turnout
1-1	Honoka'a High School	2,817	680	24.1%	4-1	Hawaiian Paradise Park Comm. Ctr	5,944	1,324	22.3%
1-2	Pa'auiio Elementary School	903	247	27.4%	4-2	Keonepoko Elementary School	2,477	417	16.8%
1-3	Pāpa'aloa Gym	1,002	222	22.2%	4-3	Pāhoa Community Center	3,378	549	16.3%
1-4	Honohina Hongwanji	310	93	30.0%	4-4	Pāhoa High/Intermediate School	2,912	413	14.2%
1-5	Kula'imano Community Center	1,766	425	24.1%		Absentee walkins		875	
1-6	Kalaniana'ole Elem. & Intern. School	1,380	351	25.4%		Absentee Mail		2,801	
1-7	Pu'ue'o Multi-Culture Center	1,656	368	22.2%	5-1	Nā'ālehu Elementary School	1,386	324	23.4%
1-8	Ernest B DeSilva Elementary School	4,736	1,075	22.7%	5-2	Ocean View Community Center	1,940	487	25.1%
1-9	Kāūmana Elementary School	1,647	411	25.0%	5-3	Miloli'i Halau	551	135	24.5%
	Absentee walkins		879		5-4	Ho'okena Elementary School	669	169	25.3%
	Absentee mail		3,595		5-5	St Benedict Catholic Church	791	202	25.5%
2-1	Hilo High School	3,885	642	16.5%	5-6	Konawaena Elementary School	2,935	764	26.0%
2-2	Edith Kanakaole Tennis Stadium	1,895	302	15.9%	5-7	Konawaena High School	2,133	490	23.0%
2-3	Keaukaha Elementary School	1,512	429	28.4%	5-8	Kona Vistas Rec Center	3,768	781	20.7%
2-4	Waiākea Elementary School	5,294	1,135	21.4%		Absentee walkins		622	
2-5	Waiākea High School	3,282	661	20.1%		Absentee Mail		2,665	
	Absentee walkins		1,209		6-1	Hōlualoa Elementary School	1,044	269	25.8%
	Absentee mail		3,870		6-2	Kahakai Elementary School	4,001	682	17.0%
3-1	AJA Memorial Hall	3,818	861	22.6%	6-3	Kekuaokalani Gym at Kailua Park	2,883	602	20.9%
3-2	Vote By Mail Precinct	527	0	0.0%	6-4	Kealakehe High School	3,716	754	20.3%
3-3	Vote By Mail Precinct	196	0	0.0%	6-5	Kona Palisades Community Center	2,880	676	23.5%
3-4	Kea'au High School	4,817	1,015	21.1%		Absentee walkins		997	
3-5	Mountain View Elementary School	2,633	607	23.1%		Absentee Mail		2,319	
3-6	Cooper Center	1,841	564	30.6%	7-1	Kealakehe Intermediate School	1,426	237	16.6%
3-7	Ka'u High School	851	187	22.0%	7-2	Waikoloa Elementary School	3,985	1,038	26.0%
	Absentee walkins		864		7-3	Kohala High & Elementary School	3,824	996	26.0%
	Absentee Mail		3,159		7-4	Waimea Civic Center	4,061	882	21.7%
					7-5	Waimea New Hope Church	1,666	353	21.2%
						Absentee walkins		994	
						Absentee Mail		2,490	

SOURCE: STATE OF HAWAII, OFFICE OF ELECTIONS, 2014 PRECINCT DETAILS.

## 4.2.2

# GENERAL ELECTION RESULTS HAWAII COUNTY, NOVEMBER 4, 2014

Votes Percent			Votes Percent		
<b>U.S. Senator</b>			<b>State Representative, Dist. 4</b>		
(D) Schatz, Brian	35,509	70.8%	(D) Sanbuenaventura, Joy A.	4,337	68.0%
(R) Cavasso, Cam	11,093	22.1%	(R) Thomas, Gary	1,719	26.9%
(L) Kokoski, Michael	1,881	3.8%	Blank Votes	319	5.0%
Blank Votes	1,657	3.3%			
<b>U.S. Representative, Dist. 2</b>			<b>State Representative, Dist. 5</b>		
(D) Gabbard, Tulsi	38,874	77.5%	(D) Creagan, Richard P.	3,712	55.9%
(R) Crowley, Kawika	8,387	16.7%	(R) Bateman, Dave	2,389	36.0%
(L) Kent, Joe	1,571	3.1%	(L) Lalanne, Jon A.	253	3.8%
Blank Votes	1,305	2.6%	Blank Votes	282	4.2%
<b>Governor and Lt. Governor</b>			<b>State Representative, Dist. 6</b>		
(D) Ige / Tsutsui	25,674	51.2%	(D) Lowen, Nicole	3,823	60.7%
(R) Aiona / Ahu	15,387	30.7%	(R) Valenzuela, Kelly	2,334	37.1%
(I) Hannemann / Chang	7,308	14.6%	Blank Votes	139	2.2%
(L) Davis / Marlin	1,443	2.9%			
Blank Votes	289	0.6%	<b>Councilmember, Dist. 5</b>		
<b>State Senator, Dist. 1</b>			Paleka, Daniel K., Jr.	2,319	50.2%
(D) Kahele, Gilbert	11,638	78.9%	Edwards Hunt, Tiffany	2,045	44.2%
(L) Arianoff, Gregory (Kobata)	1,850	12.6%	Blank Votes	259	5.6%
Blank Votes	1,247	8.5%	<b>Councilmember, Dist. 9</b>		
<b>State Senator, Dist. 3</b>			Wille, Margaret	3,192	56.7%
(D) Green, Josh	8,896	76.1%	Gonzales, Ronald S.	2,171	38.6%
(L) Last, Michael L.	1,891	16.2%	Blank Votes	266	4.7%
Blank Votes	908	7.8%			
<b>State Senator, Dist. 4</b>					
(D) Inouye, Lorraine Roderio	8,882	72.3%			
(L) Schiller, Alain	2,536	20.7%			
Blank Votes	852	6.9%			
<b>State Representative, Dist. 1</b>					
(D) Nakashima, Mark M.	6,314	75.7%			
(L) Weinert, Eric Drake	1,452	17.4%			
Blank Votes	578	6.9%			
<b>State Representative, Dist. 3</b>					
(D) Onishi, Richard H.K.	5,075	69.9%			
(R) Dickson, Bill	997	13.7%			
(L) Fogel, Fred F.	811	11.2%			
Blank Votes	371	5.1%			

SOURCE: HAWAII STATE OFFICE OF ELECTIONS.



### 4.2.3

## GENERAL ELECTION RESULTS OFFICE OF HAWAIIAN AFFAIRS TRUSTEES AND STATE CONSTITUTIONAL AMENDMENTS HAWAI'I COUNTY, NOVEMBER 4, 2014

### Office of Hawaiian Affairs

	Votes	Percent
<b>At Large Trustee</b>		
Waihee, John	19,099	12.7%
Trask, Mililani	17,229	11.4%
Akana, Rowena	16,862	11.2%
Ahu Isa, Lei	11,886	7.9%
Akina, Kelii	11,454	7.6%
McInerney, Harvey	7,733	5.1%
Blank Votes	66,145	44.0%
Over Votes	22	0.0%
<b>OHA Vacancy, Maui</b>		
Lindsey, Carmen Hulu	20,543	41.0%
Wendt, Mahealani	10,057	20.1%
Blank Votes	19,540	39.0%
Over Votes	18	0.0%

### State of Hawai'i Constitutional Amendments

<b>Judicial Nominees Disclosures</b>			<b>Agricultural Enterprises</b>		
Yes	41,590	82.9%	Yes	26,422	52.7%
No	5,309	10.6%	No	19,749	39.4%
Blank	3,249	6.5%	Blank	3,963	7.9%
<b>State Justices and Judges</b>			<b>Early Childhood Education</b>		
Yes	11,849	23.6%	Yes	24,271	48.4%
No	35,959	71.7%	No	23,654	47.2%
Blank	2,315	4.6%	Blank	2,207	4.4%
<b>Dams and Bridges</b>					
Yes	32,390	64.6%			
No	13,997	27.9%			
Blank	3,756	7.5%			

SOURCE: HAWAI'I STATE OFFICE OF ELECTIONS.

#### 4.2.4

### GENERAL ELECTION RESULTS HAWAI'I COUNTY CHARTER AMENDMENTS HAWAI'I COUNTY, NOVEMBER 4, 2014

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#### Ballot Text Summary and Results

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"Shall the County Charter be amended to create a four-year term of appointment for the County Clerk, with the County Council having the authority to remove the County Clerk from office by a two-thirds vote of its membership?"

Yes	34,973	69.7%
No	11,148	22.2%
Blank Votes	4,025	8.0%

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SOURCE: HAWAI'I STATE OFFICE OF ELECTIONS.

### 4.3.1

## STATEMENT OF REVENUES AND EXPENDITURES HAWAI'I COUNTY

*In thousands of dollars. For year ending June 30*

	2011	2012	2013	2014	2015
<b>Revenues</b>					
Taxes	242,827	237,486	229,407	252,028	265,033
Licenses and permits	15,097	15,790	15,991	19,618	22,046
Intergovernmental	93,748	100,867	79,912	75,257	86,272
Charges for services	16,416	16,885	17,055	19,393	20,357
Investments earnings (losses)	510	406	(618)	1,703	716
Other	7,874	4,201	4,399	30,084	9,769
Settlement contributions	0	0	12,500	0	0
<b>Total Revenues</b>	<b>376,472</b>	<b>375,635</b>	<b>358,646</b>	<b>398,082</b>	<b>404,193</b>
<b>Expenditures</b>					
General government	34,251	35,088	33,360	36,679	40,805
Public safety	104,917	104,524	106,885	111,221	122,819
Highways and streets	17,114	17,338	17,923	20,270	20,984
Health, education and welfare	26,847	23,749	24,199	23,070	24,540
Culture and recreation	16,001	16,763	16,337	18,334	20,056
Sanitation	28,424	29,511	30,672	29,949	31,464
Pension and retirement contributions	27,284	27,773	29,817	33,032	38,485
Employee's health insurance	25,212	25,902	26,011	26,786	27,731
Other postemployment benefits	17,307	0	0	3,170	4,532
Other	4,758	4,183	2,992	3,238	4,686
Debt Service: Principal	42,233	24,834	25,718	19,013	22,004
Interest	14,841	15,032	14,345	14,644	13,871
Capital Outlay	87,782	71,220	48,565	51,369	79,398
<b>Total Expenditures</b>	<b>446,971</b>	<b>395,916</b>	<b>376,822</b>	<b>390,775</b>	<b>451,375</b>
<b>Excess (Deficiency) of Revenues over Expenditures</b>	<b>(70,499)</b>	<b>(20,281)</b>	<b>(18,176)</b>	<b>7,307</b>	<b>(47,182)</b>

NOTE: DUE TO ROUNDING, DETAILS MAY NOT ADD TO TOTAL.

SOURCE: HAWAI'I COUNTY DEPARTMENT OF FINANCE, COMPREHENSIVE ANNUAL FINANCIAL REPORTS.

### 4.3.2

## STATE TAX COLLECTION HAWAI'I COUNTY

*In thousands of dollars*

	2012	2013	2014	2015
Banks/Financial Corps	527,871	134,058	24,394	34,455
Employment Sec. Contri.	0	0	0	0
Fuel	5,924,777	6,813,946	11,673,384	13,839,869
GE License/Fees	0	0	0	0
General Excise & Use Tax <sup>1</sup>	153,394,464	149,843,046	160,315,262	178,409,024
Honolulu County Surcharge <sup>2</sup>	(9,087,665)	909,340	908,894	956,837
Income-Corporate				
Decl. of Estimated Taxes	1,419,461	1,046,014	1,505,842	2,210,975
Payment With Returns	315,249	1,273,202	523,384	500,497
Refunds	(1,064,974)	(684,279)	(1,532,332)	(1,341,207)
Income-Individual				
Decl. of Estimated Taxes	26,515,806	38,440,969	40,169,738	38,457,974
Payment With Returns	15,658,131	15,355,088	17,685,383	19,802,694
Withholding Tax on Wages	61,985,987	70,650,290	75,886,385	83,622,277
Refunds	(31,313,916)	(41,799,444)	(39,796,429)	(38,259,668)
Inheritance/Estate	10,000	489,889	558,910	0
Liquor and Permits	6,503,448	6,244,412	6,605,461	6,518,393
Motor Vehicle Tax/Fees	21,436,856	21,737,924	22,389,503	22,782,063
Public Service Company	18,672,655	18,660,368	18,157,043	18,029,732
Tobacco and Licenses	15,173,793	12,871,505	10,904,023	5,748,036
Transient Accommod./Time Share Occup. Fees	6,553	0	0	0
Transient Accommod. Tax/Time Share Occup. Tax	29,840,238	25,876,844	32,374,294	31,425,278
All Others	120	100	138	120
<b>Total</b>	<b>315,918,854</b>	<b>327,863,273</b>	<b>358,352,276</b>	<b>382,737,350</b>

1. MAY ALSO CONTAIN SOME REVENUE FROM THE HONOLULU COUNTY SURCHARGE.

2. SURCHARGE BEGAN IN 2007. BUSINESSES WITH ACTIVITIES IN HONOLULU MAY HAVE TO PAY THIS SURCHARGE ALTHOUGH THEY ARE NOT LOCATED ON O'AHU.

Note: DUE TO ROUNDING, DETAILS MAY NOT ADD TO TOTAL.

SOURCE: HAWAI'I STATE DEPARTMENT OF TAXATION, STATE TAX COLLECTIONS AND DISTRIBUTION.

### 4.3.3

## ESTIMATED REAL PROPERTY TAX REVENUE HAWAI'I COUNTY

*In thousands of dollars*

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<b>Fiscal Year 2015-2016</b>	
<hr/>	
Assessor's gross valuation	32,043,859
Land	13,482,811
Improvements	18,561,048
Exemptions	5,596,890
Assessor's net taxable valuation	26,446,969
Half of valuation on appeal	54,122
Number of appeals	224
Valuation for tax rate purposes	26,392,847
Land	12,581,423
Improvements	13,811,424
<b>Amount to be raised by taxation</b>	<b>242,717</b>

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SOURCE: CITY AND COUNTY OF HONOLULU, DEPARTMENT OF BUDGET AND FISCAL SERVICES, REAL PROPERTY ASSESSMENT DIVISION.

#### 4.3.4

### REAL PROPERTY TAX RATES HAWAI'I COUNTY

*Dollars per \$1,000 net taxable value*

Land Use Class	Rate Fiscal Year 2015-2016
<b>Buildings</b>	
Residential	10.05
Apartment	10.85
Commercial	10.05
Industrial	10.05
Agricultural or Native Forests	9.25
Conservation	10.85
Hotel and Resort	10.85
Homeowner	6.15
Affordable Rental Housing	6.15
<b>Land</b>	
Residential	10.05
Apartment	10.85
Commercial	10.05
Industrial	10.05
Agricultural or Native Forests	9.25
Conservation	10.85
Hotel and Resort	10.85
Homeowner	6.15
Affordable Rental Housing	6.15

SOURCE: CITY AND COUNTY OF HONOLULU, DEPARTMENT OF BUDGET AND FISCAL SERVICES, REAL PROPERTY ASSESSMENT DIVISION, JUNE 23, 2015.

### 4.3.5

## DEBT OF HAWAI'I COUNTY GOVERNMENT

*In thousands of dollars*

Fiscal Year	Governmental Activities			Business-Type Activities	Total Outstanding Debt
	General Obligation Bonds	State Revolving Fund Loans	Capital Leases	Bonds/Notes Payable	
2006	198,849	26,413	2,865	1,019	229,146
2007	271,713	30,247	4,086	996	307,041
2008	259,509	29,376	4,607	971	294,462
2009	297,792	26,697	4,180	944	329,614
2010	277,700	30,470	4,552	916	313,638
2011	306,080	36,555	3,057	884	346,576
2012	286,169	29,051	3,804	851	319,874
2013	332,676	20,882	3,632	1,297	358,487
2014	318,139	22,929	2,308	1,208	344,584
2015	297,957	21,552	2,982	1,111	323,603

NOTE: DUE TO ROUNDING, DETAILS MAY NOT ADD TO TOTAL.

SOURCE: HAWAI'I COUNTY DEPARTMENT OF FINANCE, COMPREHENSIVE ANNUAL FINANCIAL REPORTS.

## 4.4

# PERSONNEL BY DEPARTMENT FOR FISCAL YEARS HAWAI'I COUNTY

As of June 30

Department/Agency	2012	2013	2014	2015
Aging	13	11	11	11
Civil Defense	7	7	7	8
Corporation Counsel	29	27	27	30
County Clerk	54	53	58	60
County Council	9	9	9	9
Environmental Management	166	165	166	168
Finance <sup>2, 3, 4</sup>	124	132	133	141
Fire <sup>5, 6</sup>	400	427	438	435
Housing and Community Development	47	41	44	44
Human Resources <sup>7</sup>	26	24	23	26
Information Technology <sup>9</sup>	17	16	21	22
Legislative Auditor <sup>8</sup>	5	4	4	5
Liquor Control	15	14	13	13
Mass Transit	7	8	8	10
Mayor/Office of Management	20	17	22	18
Parks and Recreation	411	415	426	433
Planning	49	50	47	52
Police	566	572	588	599
Prosecuting Attorney	90	99	102	103
Public Works	332	332	333	343
Research and Development	12	12	11	11
Water Supply	161	159	161	163
<b>Total<sup>1</sup></b>	<b>2,560</b>	<b>2,594</b>	<b>2,652</b>	<b>2,704</b>

1. INCLUDES PART-TIME, TEMPORARY AND CONTRACTUAL EMPLOYEES; EXCLUDES STUDENT HIRES AND SUMMER FUN EMPLOYEES.

2. FINANCE: RISK MANAGEMENT DIVISION ESTABLISHED JULY 2005.

3. FINANCE: PROPERTY MANAGEMENT DIVISION ESTABLISHED MAY 2006.

4. FINANCE: VEHICLE REGISTRATION AND LICENSING DIVISION ESTABLISHED JULY 2007; DRIVERS LICENSING, COMMERCIAL DRIVERS LICENSING AND PERIODIC MOTOR VEHICLE INSPECTION POSITIONS TRANSFERRED FROM POLICE TO FINANCE, JULY 2008.

5. FIRE: KALAOA AND VOLCANO FIRE STATIONS ESTABLISHED JANUARY 2005.

6. FIRE: WATER SAFETY OFFICERS TRANSFERRED FROM PARKS AND RECREATION TO FIRE, JULY 2007.

7. HUMAN RESOURCES: NAME CHANGE FROM DEPARTMENT OF CIVIL SERVICE TO DEPARTMENT OF HUMAN RESOURCES, NOVEMBER 2006.

8. INFORMATION TECHNOLOGY: NAME CHANGE FROM DEPARTMENT OF DATA SYSTEMS TO DEPARTMENT OF INFORMATION TECHNOLOGY, NOVEMBER 2010.

9. OFFICE OF LEGISLATIVE AUDITOR ESTABLISHED AS INDEPENDENT AUDIT FUNCTION SEPARATE FROM OFFICE OF COUNTY CLERK, DECEMBER 2008.

SOURCE: HAWAI'I COUNTY DEPARTMENT OF HUMAN RESOURCES, RECORDS.



#### 4.5.1

### COUNTY PROPERTY TAX EXEMPTIONS BY TYPE HAWAI'I COUNTY, FY 2015-2016

Type of Exemption	Number	Amount (\$1,000)
Federal Government	104	219,692
State Government	2,525	1,690,015
County Government	897	262,554
Government Leases-Total	44	29,173
Government Leases-Portion	76	28,500
Hawaiian Homes Commission	759	241,217
Hawaiian Homes Land-Basic	598	107,641
Hawaiian Homes Land-Multiple	555	113,758
Hawaiian Homes Land-Total Land	726	83,301
Hawaiian Homes Land-Vacant Land	0	0
Hawaiian Homes-7 year	106	26,076
Homes-Fee (Basic)	15,826	1,399,478
Homes-Fee (Multiple)	22,640	2,978,914
Homes-Leasehold (Basic)	24	1,546
Homes-Leasehold (Multiple)	109	12,509
Blind	55	2,025
Deaf	2,105	77,769
Hansen's Disease (Leprosy)	0	0
Totally Disabled	29	1,066
Totally Disabled Veterans	529	142,552
Cemetaries	47	5,700
Charitable Organizations	363	238,611
Childcare	0	0
Churches	305	164,877
Credit Unions	17	24,597
Enterprise Zone	1	518
Foreign Consulates	1	23
Forest Reserve	1	345
Historic Residential Properties	23	13,413
Kuleana	22	7,403
Hospitals	4	22,031
Landscaping, Open-Space	18	2,259
Low-Moderate Income Housing	37	44,942
Public Utilities	171	640,206
Roadways and Waterways	1,883	5,194
Schools	69	86,138
Miscellaneous	2	202
<b>Total</b>	<b>50,671</b>	<b>8,674,245</b>

SOURCE: CITY AND COUNTY OF HONOLULU, DEPARTMENT OF BUDGET AND FISCAL SERVICES, REAL PROPERTY ASSESSMENT DIVISION.

#### 4.5.2

### LIQUID FUEL TAX BASE AND TAX COLLECTIONS HAWAII COUNTY, FISCAL YEAR ENDING JUNE 30, 2015

Source of Revenue	Gallons	State Tax	County Fuel Tax	Total Tax
Gasoline	76,850,975	\$13,025,531	\$6,741,362	\$19,766,893
Diesel oil (non-hwy)	6,905,265	138,105	0	138,105
Diesel oil (hwy use)	10,790,078	1,834,313	949,527	2,783,840
Liquid petro. gas (hwy)	0	0	0	0
Small boat (gas)	416,194	70,753	36,625	107,378
Small boat (diesel oil)	0	0	0	0
Aviation fuel	27,853,261	557,065	0	557,065
Other fuel	15,872,567	330,674	0	330,674
<b>Subtotal</b>	<b>138,688,339</b>	<b>15,956,442</b>	<b>7,727,514</b>	<b>23,683,956</b>
Environmental Tax	3,036,604	3,188,435	0	3,188,435
<b>Total</b>		<b>\$19,144,877</b>	<b>\$7,727,514</b>	<b>\$26,872,391</b>

SOURCE: STATE OF HAWAII, DEPARTMENT OF TAXATION, MONTHLY TAX COLLECTION REPORTS.

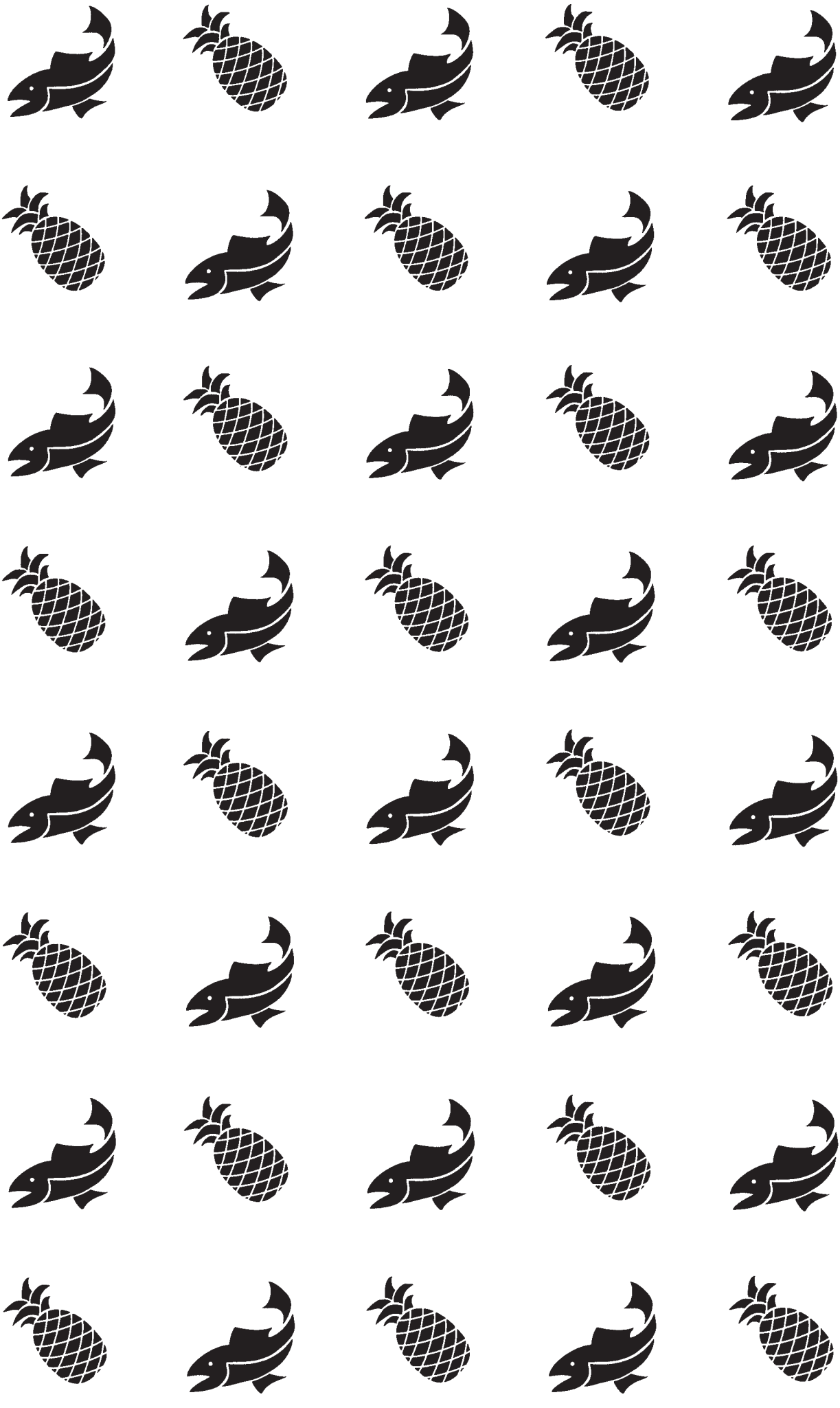
#### 4.5.3

### LIQUID FUEL TAX ALLOCATION BY FUND HAWAII COUNTY, FISCAL YEAR ENDING JUNE 30, 2015

	Amount	Total Tax
State Highway Special Fund	\$15,245,383	
State Airports Special Fund	557,065	
State Boating Special Fund	231,269	16,033,717
County Fuel Tax		7,650,239
Environmental Response Fund	151,830	
Energy Security Fund	455,491	
Energy Development Fund	303,660	
Agricultural Development Fund	455,491	
General Fund	1,821,963	3,188,435
<b>Grand Total</b>		<b>\$26,872,391</b>

SOURCE: STATE OF HAWAII, DEPARTMENT OF TAXATION, MONTHLY TAX COLLECTION REPORTS.

# Agriculture & Aquaculture



## Section 5

### **AGRICULTURE & AQUACULTURE**

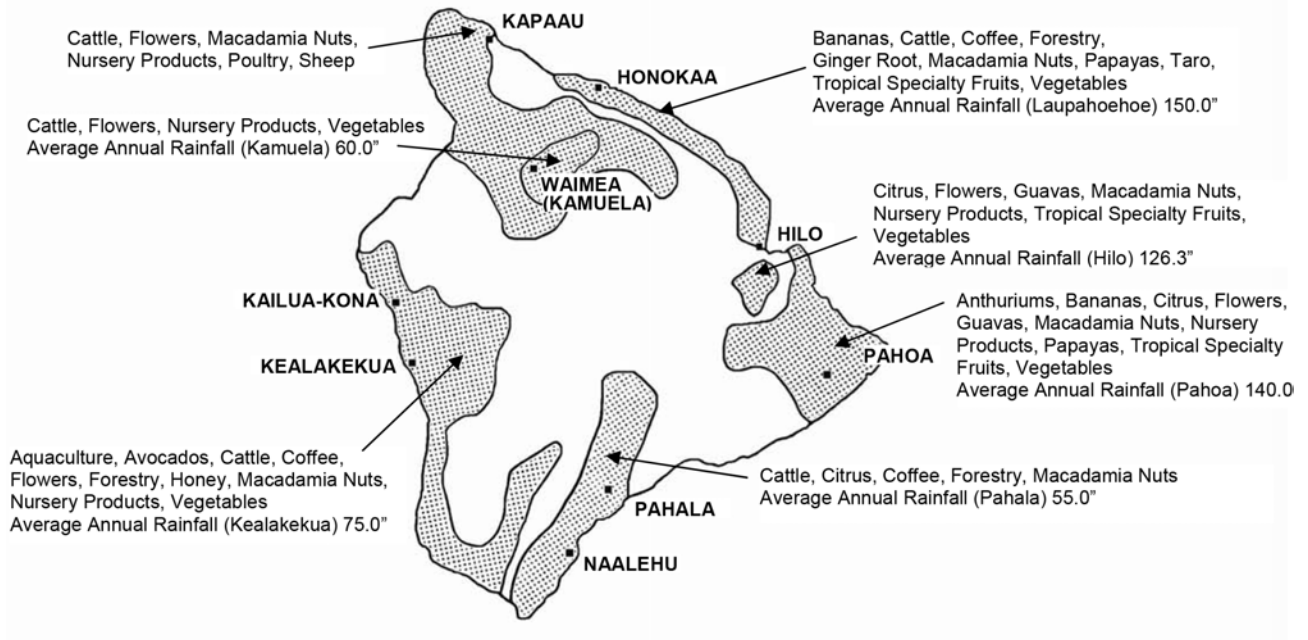
This section includes statistics on agriculture and aquaculture. Statistics about farms are presented along with the value and distribution of farm and other land based horticulture production. Fish catches and other aquaculture statistics are also given in this section.

Agriculture remains an important element in Hawai'i County's economy and land use patterns. Macadamia nuts, coffee and papayas remain the largest crops, though the trend toward diversification of agriculture continues.

The data in this section comes mainly from the 2012 U.S. Census of Agriculture, the Hawai'i Agriculture Statistics Service, specific crop producers, and the Hawai'i State Department of Land and Natural Resources.

### 5.1.1

## AGRICULTURAL AREAS HAWAI'I COUNTY



SOURCE: HAWAI'I DEPARTMENT OF AGRICULTURE, AGRICULTURAL DEVELOPMENT DIVISION, AND U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE. STATISTICS OF HAWAI'I AGRICULTURE, 2011.

### 5.1.2

## TENURE AND CHARACTERISTICS OF FARM OPERATORS AND TYPES OF FARM ORGANIZATION HAWAI'I COUNTY

	1997	2002	2007	2012
<b>Tenure of Operator</b>				
Full Owners				
Farms	1,859	1,946	3,279	2,972
Acres	68,306	98,905	168,160	104,069
Part Owners				
Farms	445	338	456	378
Acres	638,486	520,822	403,671	465,940
Owned land in farms (acres)	326,689	308,400	173,118	200,871
Rented land in farms (acres)	311,797	212,422	230,553	265,069
Tenants				
Farms	1,015	932	915	932
Acres	163,220	201,549	111,988	116,847
<b>Operator Characteristics</b>				
Place of Residence				
On farm operated	1,930	2,058	3,325	2,881
Not on farm operated	1,077	1,158	1,325	1,401
<b>Principal Occupation</b>				
Farming	1,830	1,830	2,261	2,062
Other	1,489	1,386	2,389	2,220
<b>Days of Work Off Farm<sup>1</sup></b>				
None	1,231	1,579	1,140	1,257
Any	1,771	1,637	3,510	3,025
1 to 49 days	252	215	664	476
50 to 99 days	171	150	559	357
100 to 199 days	NA	254	590	621
200 days or more	940	1,018	1,697	1,571
<b>Years on Present Farm</b>				
2 years or less	272	207	301	163
3 or 4 years	298	356	518	250
5 to 9 years	647	711	1,054	855
10 years or more	1,419	1,942	2,777	3,014
Average years on present farm	13.8	15.2	15.6	18.2

NA: NOT AVAILABLE.

1. NUMBER OF DAYS OF WORK OFF FARM REVISED 2002.

## 5.1.2

### CONTINUED

	1997	2002	2007	2012
<b>Age Group</b>				
Under 25 years	20	5	9	4
25 to 34 years	144	83	145	93
35 to 44 years	641	439	361	282
45 to 54 years	975	1029	1210	889
55 to 59 years	319	481	895	670
60 to 64 years	306	280	728	916
65 to 69 years	304	281	429	577
70 years and over	610	618	873	851
Average age	55.0	56.7	58.5	60.5
<b>Male</b>				
Farms	2,752	2,598	3,554	3,341
Acres	838,602	780,379	637,561	598,035
<b>Female</b>				
Farms	567	618	1,096	941
Acres	31,410	40,897	46,258	88,821
<b>Type of Organization</b>				
Individual or Family (sole prop.)				
Farms	2,827	2,795	3,977	3,563
Acres	166,133	D	209,118	228,047
Partnership				
Farms	202	132	278	232
Acres	52,113	101,935	72,903	64,531
Corporation (family held)				
Farms	198	217	282	266
Acres	D	172,679	213,173	150,114
Corporation (other than family held)				
Farms	55	39	55	86
Acres	325,406	242,755	D	73,443
Other (cooperative, estate or trust, institutional, etc.)				
Farms	37	33	58	135
Acres	D	D	D	170,721

D: WITHHELD TO AVOID DISCLOSING DATA FOR INDIVIDUAL FARMS

NA: NOT AVAILABLE

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

### 5.1.3

## FARMS AND LAND IN FARMS HAWAI'I COUNTY

	1997	2002	2007	2012
<b>Farms</b>	<b>3,319</b>	<b>3,216</b>	<b>4,650</b>	<b>4,282</b>
<b>Land in Farms</b>	870,012	821,276	683,819	686,856
Average size of farms (acres)	262	255	147	160
Median size of farms (acres)	6	6	6	6
<b>Estimated Market Value of Land &amp; Buildings<sup>1</sup></b>				
Average per farm (\$)	574,464	724,308	1,022,976	1,280,898
Average per acre (\$)	2,192	2,822	6,956	7,985
<b>Estimated Market Value of Machinery &amp; Equipment<sup>1</sup></b>				
Average per farm (\$)	21,997	23,981	31,981	36,698
<b>Farms by Size</b>				
1 to 9 acres	2,062	2,009	2,865	2,610
10 to 49 acres	893	818	1,314	1,141
50 to 179 acres	207	207	289	326
180 to 499 acres	71	90	95	106
500 to 999 acres	32	38	27	37
1,000 acres or more	54	54	60	62
<b>Total Cropland</b>				
Farms	3,035	2,908	3,909	3,398
Acres	102,991	90,778	81,837	72,028
<b>Harvested Cropland</b>				
Farms	2,897	2,791	3,762	3,229
Acres	32,410	55,529	56,310	57,807
<b>Irrigated Land</b>				
Farms	857	908	1,166	1,026
Acres	7,425	9,041	8,097	6,966
<b>Value of Agricultural Products Sold (\$1,000)</b>	168,111	187,736	202,572	247,245
Crops, including greenhouse & nursery crops	129,018	143,924	150,251	156,384
Livestock, poultry, and their products	39,094	43,812	52,322	90,860
<b>Value of Agricultural Products Sold per Farm (\$)</b>	50,651	58,375	43,564	57,741

1. DATA ARE BASED ON A SAMPLE OF FARMS.

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.



## 5.1.4

### FARM EMPLOYMENT, HAWAI'I COUNTY

	1997	2002	2007	2012
<b>Number of Farms hiring</b>	1,054	891	1,128	1,173
<b>Number of Farms hiring migrant workers</b>	NA	156	128	93
<b>Hired Workers</b>	5,703	5,740	5,894	5,876
Worked 150 days or more	2,156	2,656	2,703	2,482
Migrant workers	NA	NA	NA	625
<b>Payroll (\$1,000)</b>	40,918	47,453	62,285	68,254

NA: NOT AVAILABLE

SOURCE: U. S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

## 5.1.5

### LIVESTOCK: NUMBER OF OPERATIONS AND VALUE OF SALES, HAWAI'I COUNTY

	1997	2002	2007	2012
<b>Number of Livestock Operations, December 31</b>				
Cattle	484	436	762	917
Hogs	88	55	89	70
Sheep and lambs	82	83	325	296
Goats	13	16	164	173
Horses	288	266	510	401
Poultry	107	97	351	363
Aquaculture	17	29	25	33
<b>Value of Livestock Sales (\$1,000)</b>				
Cattle	20,120	23,535	30,476	26,824
Hogs	677	D	137	127
Sheep and lambs	127	NA	NA	D
Goats	150	NA	NA	123
Horses	258	NA	NA	NA
Poultry	1,729	NA	NA	NA
Aquaculture	D	NA	D	D

D: WITHHELD TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS

NA: NOT AVAILABLE

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

### 5.1.6

## VEGETABLES ACREAGE AND NUMBER OF FARMS HAWAI'I COUNTY

	2007		2012	
	Farms	Acres	Farms	Acres
Asparagus	5	D	8	D
Beans, Green Lima	0	0	5	2
Beans, Snap	34	19	64	69
Beets	12	5	25	11
Broccoli	11	34	8	D
Cabbage, Chinese	23	149	16	132
Cabbage, Head	8	D	19	D
Cabbage, Mustard	17	9	6	48
Carrots	17	5	18	14
Celery	4	D	3	5
Collards	2	D	13	6
Cucumbers and pickles	4	5	25	D
Daikon	6	D	15	102
Eggplant	21	6	62	26
Herbs	28	9	39	25
Honeydew Melons	0	0	4	Z
Kale	13	2	26	10
Lettuce, all	58	240	67	312
Mustard greens	0	0	3	D
Onions, Green	2	D	6	1
Parsley	1	D	14	4
Peas, Chinese	2	D	3	2
Peppers, Bell	6	2	7	D
Peppers, Other than Bell	1	D	6	5
Potatoes	4	D	14	10
Pumpkins	1	D	10	4
Radishes	7	5	7	2
Spinach	7	D	4	3
Squash, All	36	15	21	D
Sweet Corn	14	D	17	11
Sweet Potatoes	49	171	69	395
Tomatoes	43	D	55	33
Turnips	2	D	13	2
Watercress	4	5	2	D
Watermelons	0	0	7	3
Other Vegetables	110	166	114	302
<b>Total</b>	<b>294</b>	<b>1,148</b>	<b>323</b>	<b>1,662</b>

D: WITHHELD TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS

Z: LESS THAN HALF OF THE UNIT SHOWN

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

## 5.1.7

### COFFEE HAWAI'I COUNTY AND STATEWIDE

Crop year	Number of farms	Acreage (1,000 acres)		Yield per acre (1,000 pounds)	Marketings (1,000 pounds)	Farm prices (cents per pound)			Value of sales (\$1,000)	Green production (1,000 pounds)	
		In crop	Harvested			Cherry	Parchment	All			
Statewide											
2007-2008	830	7.8	6.4	1.2	7,500	NA	NA	425	31,875	6,000	
2008-2009	830	7.8	6.3	1.4	8,700	NA	NA	340	29,580	7,000	
2009-2010	830	8.0	6.3	1.4	8,700	NA	NA	360	31,320	7,000	
2010-2011	830	8.0	6.3	1.4	8,800	NA	NA	380	33,440	7,100	
2011-2012	830	8.0	6.3	1.2	7,600	NA	NA	415	31,540	6,100	
Hawai'i County											
2007-2008	790	3.8	3.0	1.3	3,900	140	820	650	25,350	3,100	
2008-2009	790	3.8	2.9	1.4	4,100	115	680	530	21,730	3,300	
2009-2010 <sup>1</sup>											
2010-2011 <sup>1</sup>											
2011-2012 <sup>1</sup>											

1. (2009-2012) DATA NOT SHOWN SEPARATELY BY COUNTY TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS BUT COMBINED AND INCLUDED IN THE STATE TOTAL.

NOTE: YIELD AND PRICES MAY NOT COMPUTE DUE TO ROUNDING.

SOURCE: HAWAI'I AGRICULTURAL STATISTICS SERVICE, STATISTICS OF HAWAI'I AGRICULTURE (ANNUAL).

## 5.1.8

### FRUITS AND NUTS HAWAI'I COUNTY

	2007		2012	
	Farms	Acreage	Farms	Acreage
<b>Noncitrus Fruits</b>	2,665	10,675	2,171	10,702
Apples	6	4	8	3
Avocados	582	670	437	D
Bananas	549	1,207	466	559
Coffee	1,409	3,993	1,484	D
Grapes	1	D	1	D
Guavas	171	324	76	119
Mangoes	218	210	107	98
Papayas	289	1,877	159	1,686
Passion Fruit	57	13	47	11
Peaches	0	0	2	D
Pears	1	D	2	D
Persimmons	16	4	10	D
Plums and Prunes	0	0	4	D
Pomegranates	3	D	5	1
Other	723	2,368	380	D
<b>Citrus Fruits</b>	484	532	274	665
Grapefruit	102	18	39	20
Kumquats	0	0	2	D
Lemons	234	84	104	93
Limes	215	132	89	58
Oranges	294	177	127	303
Tangelos	110	53	42	D
Tangerines	150	41	98	83
Other	29	28	72	49
<b>Nuts</b>	930	17,376	772	17,440
Chestnuts	1	D	2	D
Macadamia Nuts	915	17,298	751	17,378
Other Nuts	15	D	24	D

D: WITHHELD TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

### 5.1.9

## FLORICULTURE AND NURSERY PRODUCTS HAWAI'I COUNTY

*Number of farms and growing area*

2012	Farms	Sq ft under glass	Open Acreage	Value of Sales (\$)
Aquatic plants	4	0	D	D
Bulbs and tubers	7	D	D	13,265
Cuttings and seedlings	46	115,194	27	D
Bedding & garden plants	56	D	40	D
Cut flowers	291	6,992,420	584	12,804,025
Foliage, indoor	84	6,561,448	632	16,093,572
Potted flowering plants	144	3,184,255	46	12,959,812
Nursery stock crops	258	490,133	439	5,462,655
Sod	11	NA	15	D
Vegetable transplants	10	0	D	D

D: WITHHELD TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS

NA: NOT APPLICABLE

SOURCE: U. S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

### 5.1.10

## FARM MACHINERY AND EQUIPMENT, HAWAI'I COUNTY

	1997	2002*	2007	2012
Value of all Equipment (\$1000)	73,008	74,990	148,360	157,140
Average per Farm (\$)	21,997	23,981	31,981	36,698
Trucks				
Farms	3,101	NA	3,647	2,995
Number	4,913	NA	5,491	4,485
Tractors				
Farms	1,490	1,392	1,971	1,848
Number	2,240	2,182	2,923	2,896
Grain and Bean Combines				
Farms	8	1	11	3
Number	10	D	14	3
Forage Harvesters				
Farms	NA	1	11	18
Number	NA	D	11	22
Hay Balers				
Farms	12	11	3	6
Number	14	D	D	14

\* 2002 DATA ARE BASED ON A SAMPLE OF FARMS.

D: WITHHELD TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS

NA: NOT AVAILABLE

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

### 5.1.11

## FERTILIZERS AND CHEMICALS APPLIED, HAWAI'I COUNTY

*In Acres*

	1997	2002	2007	2012
Commercial fertilizer	32,936	43,697	48,729	43,806
Manure	NA	2,136	2,121	3,301
Acres treated to control				
Insects	8,939	14,536	15,378	10,701
Weeds	30,378	29,117	45,872	43,662
Nematodes	1,540	879	400	1,566
Diseases in crops	4,868	16,290	3,152	3,531
Chemicals used to control growth, thin fruit, ripen or defoliate	916	1,396	759	D

D: DATA NOT PROVIDED TO AVOID DISCLOSING INDIVIDUAL INFORMATION

NA: NOT AVAILABLE

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

### 5.1.12

## ORGANIC AGRICULTURE, STATE OF HAWAI'I

2012	State of Hawai'i	Hawai'i County	Honolulu County	Kaua'i County	Maui County
USDA Certified organic farms	129	89	8	5	27
USDA Exempt from certification organic farms <sup>1</sup>	97	46	11	5	35
Farms transitioning to organic	36	22	2	4	8
Value of Sales of Certified or Exempt Organically Produced Commodities					
Number of farms	184	114	15	9	46
Total organic product sales (\$1,000)	6,362	3,220	717	1,516	909
Farms by value of sales					
\$1 to \$4,999	103	59	11	4	29
\$5,000 or more	81	55	4	5	17

1. SMALL ORGANIC FARMS WITH GROSS AGRICULTURAL INCOME FROM ORGANIC SALES LESS THAN \$5,000 PER YEAR.

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

## 5.1.13

## AGRICULTURAL TOURISM BY COUNTY

	State of Hawai'i	Hawai'i County	Honolulu County	Kaua'i County	Maui County
<b>2012</b>					
Farms	233	106	36	39	52
Value (\$1,000)	17,768	1,029	6,449	3,874	6,416
<b>2007</b>					
Farms	121	58	24	9	30
Value (\$1,000)	22,911	D	6,647	D	8,464

**Note:** AG-TOURISM IS A COMMERCIAL ENTERPRISE ON A WORKING FARM CONDUCTED FOR THE ENJOYMENT, EDUCATION, AND/OR ACTIVE INVOLVEMENT OF THE VISITOR, GENERATING SUPPLEMENTAL INCOME FOR THE FARM. ACTIVITIES SUCH AS PRODUCING AND SELLING PRODUCTS DIRECTLY FROM THE FARM, OPERATING A BED AND BREAKFAST, CONDUCTING EDUCATIONAL FARM TOURS, OFFERING HORSEBACK RIDING, FESTIVALS, CONCERTS, AND MANY OTHER ON-FARM ACTIVITIES QUALIFY AS AG-TOURISM.

SOURCE: UNITED STATES DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.

## 5.1.14

### FARM INCOME AND EXPENSES HAWAI'I COUNTY

*In \$1,000*

	2007	2012
<b>Income</b>		
<b>Total sales</b>	202,572	247,245
<b>Total income from farm-related sources, gross before tax and expenses</b>	12,234	10,251
Customwork and other agricultural services	4,434	2,883
Gross cash rent or share payments	D	1,324
Sales of forest products	168	1,363
Agri-tourism and recreational services	D	1,029
Patronage dividends and refunds from cooperatives	D	47
Crop and livestock insurance payments	D	1,617
Amount from state and local government payments	252	372
Other farm-related income sources	D	1,615
<b>Total federal government payments</b>	1,232	4,153
<b>Total farm production expenses</b>	191,104	230,596
Fertilizer and lime purchased	11,242	11,299
Chemicals purchased	6,441	7,442
Seeds, plants, vines and trees purchased	8,315	4,674
Livestock purchased	1,907	2,277
Feed purchased	9,906	29,043
Petroleum products purchased	9,776	11,898
Utilities	8,078	12,977
Repairs, supplies and maintenance costs	16,585	15,990
Hired farm labor	62,285	68,254
Contract labor	8,017	13,586
Customwork and custom hauling	991	3,067
Cash rent for land, building and grazing fees	9,018	11,006
Rent and lease expenses	1,050	2,118
Interest expense	9,662	7,897
Property tax paid	5,764	5,993
All other production expenses	22,068	23,075
<b>Net cash farm income of the operations</b>	<b>24,935</b>	<b>31,053</b>

SOURCE: U.S. DEPARTMENT OF AGRICULTURE, NATIONAL AGRICULTURAL STATISTICS SERVICE, CENSUS OF AGRICULTURE.



## 5.2.1

### SEA LANDINGS BY FISHING METHOD AND SPECIES GROUP STATE OF HAWAI'I

*Pounds landed*

	2010	2011	2012	2013	2014
<b>Fishing Method</b>					
Aku Pole & Line	1/	347,898	1/	1/	1/
Longline	24,019,214	25,710,602	25,858,879	26,946,146	23,807,814
Deep Bottom Handline	449,115	335,010	418,242	453,239	462,414
Tuna Handline	1,681,864	1,937,263	2,429,619	2,341,090	1,660,354
Trolling	2,866,646	2,987,387	3,677,653	3,117,723	3,417,836
All Other	1,694,227	1,252,373	1,324,155	1,430,017	1,274,772
<b>Total</b>	<b>30,711,066</b>	<b>32,570,233</b>	<b>33,708,548</b>	<b>34,288,215</b>	<b>30,623,190</b>
<b>Species Group</b>					
Tunas	17,607,486	19,990,624	21,407,164	21,578,691	18,309,846
Bill & Swordfish	5,190,083	5,602,336	4,497,917	4,514,726	4,052,962
Misc. Pelagic	5,643,817	5,168,115	6,002,848	6,501,895	6,617,202
Deep Bottomfish	445,140	358,441	406,750	442,574	455,028
Akule/'Ōpēlu	855,284	600,526	527,486	511,068	536,655
Inshore	471,102	424,772	437,384	395,832	370,713
All Other	498,154	425,419	428,999	343,429	280,784
<b>Total</b>	<b>30,711,066</b>	<b>32,570,233</b>	<b>33,708,548</b>	<b>34,288,215</b>	<b>30,623,190</b>

NOTE: DATA HAS BEEN REVISED FOR 2010 TO 2013.

1. DUE TO LOW LEVEL OF FISHERMEN REPORTING AND TO PRESERVE CONFIDENTIALITY, DATA FOR THESE METHODS ARE POOLED UNDER "ALL OTHER" GROUP.

SOURCE: STATE OF HAWAI'I, DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF AQUATIC RESOURCES,  
COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT, CALENDAR YEAR 2014.

### 5.2.2

## SEA LANDINGS BY PORT OF LANDING

*Pounds landed*

Port of Landing	2010	2011	2012	2013	2014
O'ahu	26,412,864	28,218,747	28,573,124	29,877,658	25,882,328
Hawai'i	2,693,859	2,885,270	3,114,925	2,796,997	3,017,653
Kaua'i and Ni'ihau	799,710	716,187	1,000,510	821,473	771,573
Maui County	804,633	750,029	1,019,989	792,087	951,636
Maui	763,746	694,490	972,822	738,541	901,295
Moloka'i	30,581	43,004	40,308	46,423	40,506
Lāna'i	10,821	12,212	6,909	7,184	9,835
<b>Total</b>	<b>30,711,066</b>	<b>32,570,233</b>	<b>33,708,548</b>	<b>34,288,215</b>	<b>30,623,190</b>

NOTE: DATA HAS BEEN REVISED FOR 2010 TO 2013.

SOURCE: STATE OF HAWAII, DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF AQUATIC RESOURCES, COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT, CALENDAR YEAR 2014.

### 5.2.3

## SEA LANDINGS BY AREA FISHED HAWAII COUNTY

*Pounds landed*

Area Fished	2010	2011	2012	2013	2014
Miloli'i - South Pt.	172,471	147,387	305,830	276,890	256,357
Punalu'u - Kalapana	144,116	76,253	136,895	165,756	170,102
Kona Coast	813,624	1,097,531	1,475,292	1,107,367	1,269,619
Keahōle - Kawaihae	191,313	180,225	229,747	166,951	183,652
Kohala - Hāmākua Coast	37,614	40,987	44,804	59,878	30,401
Hilo	290,809	334,114	361,817	340,217	270,550
Puna - Kalapana	451,571	412,937	367,655	455,305	527,550

NOTE: DATA HAS BEEN REVISED FOR 2010 TO 2013.

SOURCE: STATE OF HAWAII, DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF AQUATIC RESOURCES, COMMERCIAL MARINE LANDINGS SUMMARY TREND REPORT, CALENDAR YEAR REPORTS.

# Communication & Transportation



## Section 6

### COMMUNICATION & TRANSPORTATION

This section covers statistics on communications and transportation.

Newspapers, radio and television station statistics are included in the first section (6.1). Under transportation, statistics on fuel usage, registered drivers, aircraft and water craft facilities and freight traffic are presented.

With around 26,000 tons of cargo and mail passing through Kona and Hilo airports and just over 2,060,000 tons passing through Hilo Harbor and 1,885,000 tons at Kawaihae Harbor, water transport remains the primary way goods reach Hawai'i Island.

The transportation statistics are mostly taken from the Hawai'i State Department of Transportation.

### 6.1.1

## AVERAGE PAID CIRCULATION OF NEWSPAPERS

Year <sup>1</sup>	Hawai'i Tribune Herald		West Hawai'i Today	
	Daily	Sunday	Daily	Sunday
2009-2010	17,409	19,726	NA	NA
2010-2011	16,924	19,258	NA	NA
2011-2012	16,152	19,090	NA	NA
2012-2013	15,514	18,227	NA	NA
2014 <sup>2</sup>	16,000	18,000	10,000	12,000
2015 <sup>3</sup>	17,295	18,169	9,810	11,957

1. AVERAGES FOR 12-MONTH PERIODS ENDED IN MARCH.

2. ESTIMATES FROM NEWS RELEASE "OAHU PUBLICATIONS INC PURCHASES TWO HAWAI'I ISLAND DAILY NEWSPAPERS", OCTOBER 1, 2014.

3. ESTIMATES FROM OAHU PUBLICATIONS RETAIL RATE CARDS, DECEMBER 31, 2015.

NA: NOT AVAILABLE

SOURCE: DATA PROVIDED BY NEWSPAPER PUBLISHERS TO HAWAI'I STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM; OAHU PUBLICATIONS.

### 6.1.2

## AVERAGE DISTRIBUTION OF OTHER NEWSPAPERS HAWAI'I COUNTY

Free Circulation	Number Distributed	Frequency
North Hawai'i News	17,000	Weekly

SOURCE: NORTH HAWAI'I NEWS RATE CARD, JULY 1, 2015.

### 6.1.3

## CABLE TELEVISION SUBSCRIBERS AND REVENUES, BY COUNTY

	Hawai'i	Maui	Honolulu	Kaua'i	State
<b>Subscribers</b>					
2007	47,959	54,637	285,811	23,550	411,957
2008	48,413	54,569	287,429	23,608	414,019
2009	48,149	54,447	287,266	23,511	413,373
2010	48,073	53,519	284,945	23,810	410,347
2011	47,041	53,014	279,730	23,730	403,515
2012	D	D	D	D	D
2013	D	D	D	D	D
2014	D	D	D	D	D
<b>Basic service revenue (\$1,000)</b>					
2007	20,478	22,066	115,633	10,373	168,551
2008	21,764	23,381	125,251	10,963	181,359
2009	22,340	24,034	130,298	11,281	187,954
2010	22,554	24,350	129,900	11,568	188,374
2011	23,763	25,127	133,934	12,176	195,002
2012	24,775	26,298	163,067	12,777	199,917
2013	D	D	D	D	D
2014	D	D	D	D	D

D: DATA NOT SHOWN SEPARATELY TO AVOID DISCLOSURE OF INDIVIDUAL OPERATIONS.

SOURCE: HAWAII STATE DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, CABLE TELEVISION DIVISION.

### 6.1.4

## RADIO AND TELEVISION BROADCASTING STATIONS IN OPERATION, HAWAII COUNTY, 2015

	Commercial	Hawai'i County	State Total
AM		7	34
FM		17	62
TV		6	27
<b>Public or Educational</b>			
AM		0	2
FM		7	28
TV		0	2

SOURCE: FEDERAL COMMUNICATIONS COMMISSION, MASS MEDIA BUREAU, AUDIO DIVISION.

## 6.2.1

### TRAFFIC FLOWS ON MAJOR ROADS HAWAI'I COUNTY

Site	Route	Milepoint	2012	2013	2014
Volcano Rd near Ikaika St	11	5.29	39,200	39,900	40,500
Volcano Rd at Glenwood Park	11	19.66	5,800	6,000	6,300
Māmalahoa Hwy at States' South Kona baseyard	11	104.14	6,100	6,200	6,300
Queen Ka'ahumanu Hwy near Hualālai Rd	11	120.77	22,200	NA	23,800
Hawai'i Belt Rd north of Kalaoa Bridge	19	8.01	10,100	10,100	9,700
Queen Ka'ahumanu Hwy near Ka'ūpūlehu Dr	19	83.60	12,600	13,000	13,100
Queen Ka'ahumanu Hwy north of OTEC Access Rd	19	93.74	22,500	23,500	24,000
Kea'au-Pāhoa Rd south of Waste Station Rd	130	2.51	26,600	NA	24,400

ANNUAL AVERAGE DAILY TRAFFIC (AADT), THE AVERAGE OF 24 HOUR COUNTS COLLECTED EVERY DAY IN THE YEAR, UNLESS OTHERWISE SPECIFIED.  
NA: NOT AVAILABLE

SOURCE: HAWAI'I STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION, PLANNING BRANCH.

## 6.2.2

### MOTOR VEHICLE CRASHES BY TYPE AND AREA HAWAI'I COUNTY

	Fatal & injury accidents		Persons killed		Persons injured		Property damage only accidents	
	2014	2015	2014	2015	2014	2015	2014	2015
<b>Total Hawai'i County</b>	<b>709</b>	<b>679</b>	<b>11</b>	<b>19</b>	<b>909</b>	<b>875</b>	<b>4,405</b>	<b>4,706</b>
South Hilo	198	190	3	1	263	241	1,741	1,892
North Hilo	15	7	0	1	21	10	39	41
Hāmākua	27	20	0	0	35	24	84	93
North Kohala	8	11	0	0	8	13	39	33
South Kohala	77	75	2	2	98	101	421	433
Kona	218	207	2	11	257	257	1,486	1,658
Ka'ū	31	33	1	1	40	41	73	56
Puna	135	136	3	3	187	188	522	500

SOURCE: HAWAI'I COUNTY, HAWAI'I POLICE DEPARTMENT, TRAFFIC SERVICES SECTION.



### 6.2.3

## GASOLINE AND DIESEL AVERAGE PRICES PER GALLON

	Unit	July '15	Aug	Sept	Oct	Nov	Dec	Jan '16
<b>Gasoline Prices, Hilo</b>								
Regular	\$ per Gallon	3.308	3.223	2.891	2.827	2.729	2.608	3.099
Mid Grade	\$ per Gallon	3.397	3.321	2.992	2.917	2.828	2.704	3.173
Premium	\$ per Gallon	3.512	3.434	3.102	3.064	2.959	2.840	3.292
Diesel Prices	\$ per Gallon	4.195	4.212	4.172	4.188	4.162	4.147	4.274
<b>Gasoline Prices, O'ahu</b>								
Regular	\$ per Gallon	3.255	3.048	2.798	2.731	2.708	2.590	3.044
Mid Grade	\$ per Gallon	3.366	3.165	2.915	2.840	2.818	2.702	3.151
Premium	\$ per Gallon	3.461	3.257	3.002	2.934	2.910	2.794	3.240
Diesel Prices	\$ per Gallon	4.511	4.501	4.480	4.435	4.369	4.317	4.517
<b>Gasoline Prices, Wailuku</b>								
Regular	\$ per Gallon	3.451	3.442	3.337	3.307	3.313	3.287	3.209
Mid Grade	\$ per Gallon	3.555	3.548	3.461	3.425	3.421	3.386	3.314
Premium	\$ per Gallon	3.648	3.632	3.521	3.484	3.479	3.478	3.402
Diesel Prices	\$ per Gallon	4.263	4.237	4.215	4.221	4.217	4.212	4.337
<b>Gasoline Prices, Kaua'i</b>								
Regular	\$ per Gallon	3.592	3.437	3.178	3.123	3.090	3.035	3.392
Mid Grade	\$ per Gallon	3.729	3.585	3.311	3.241	3.205	3.143	3.512
Premium	\$ per Gallon	3.810	3.647	3.378	3.319	3.296	3.220	3.619
Diesel Prices	\$ per Gallon	4.412	4.473	4.399	4.363	4.323	4.350	4.242

SOURCE: STATE OF HAWAII, DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM, MONTHLY ENERGY TRENDS.

## 6.2.4

### HIGHWAY DISTANCES HAWAI'I COUNTY

State Routes	Route	Miles
11	Kanoelehua Ave, Māmalahoa Hwy, Hawai'i Belt Rd, Volcano Rd. Kuakini Hwy, Queen Ka'ahumanu Ext	121.98
19	Kūhiō St, Kalaniana'ole St, Kamehameha Ave, Pauahi St Bayfront Hwy, Māmalahoa Hwy, Lindsey Rd, Hawai'i Belt Rd, Kawaihae Rd, Queen Ka'ahumanu Hwy	99.49
130	Kea'au-Pāhoa Rd, Pāhoa-Kalapana Rd, Kaimu-Chain of Craters Rd <sup>1</sup>	21.82
190	Māmalahoa Hwy, Palani Rd	38.97
200	Saddle Rd <sup>2</sup>	43.20
250	Kohala Mountain Rd, Hawi Rd	19.27
270	Kawaihae Rd, Akoni Pule Hwy	27.00

1. DESIGNATED LENGTH AND THE REAL TRAVELED LENGTH ARE DIFFERENT DUE TO LAVA FLOWS, BETWEEN 21.83 AND 25.32 MILES.

2. NOT INCLUDING 26 MILES PROPOSED.

SOURCE: HAWAI'I STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION.

## 6.2.5

### HAWAI'I DRIVER'S LICENSES IN FORCE AND VEHICLE REGISTRATION BY TYPE OF VEHICLE HAWAI'I COUNTY

	2009	2010	2011	2012	2013	2014
<b>Driver's Licenses in Force</b>	<b>128,692</b>	<b>129,041</b>	<b>129,087</b>	<b>128,423</b>	<b>128,537</b>	<b>129,753</b>
<b>All vehicles</b>	<b>180,826</b>	<b>180,655</b>	<b>190,231</b>	<b>206,697</b>	<b>217,485</b>	<b>207,722</b>
<b>Motor vehicles</b>	<b>172,209</b>	<b>171,974</b>	<b>181,931</b>	<b>197,273</b>	<b>208,624</b>	<b>199,336</b>
Passenger vehicles <sup>1</sup>	130,669	130,102	138,566	151,353	161,452	153,699
Ambulances	5	5	10	14	15	19
Buses	273	273	277	301	293	291
Trucks <sup>1</sup>	36,864	36,932	37,919	39,700	40,599	39,478
Truck tractors	193	175	187	200	203	201
Truck cranes	115	118	118	129	133	137
Motorcycles, motorscooters <sup>2</sup>	4,090	4,369	4,854	5,576	5,929	5,511
Trailers and semi-trailers	8,617	8,681	8,300	9,424	8,861	8,386

1. VANS, PICKUPS AND OTHER TRUCKS UNDER 6,500 LB. IN PERSONAL USE, LEGALLY CLASSIFIED AS PASSENGER VEHICLES, ARE INCLUDED IN THE TOTALS FOR TRUCKS.

2. EXCLUDING MOPEDS (1.5 HP OR LESS), WHICH ARE LEGALLY CLASSIFIED AS BICYCLES.

SOURCE: HAWAI'I STATE DEPARTMENT OF TRANSPORTATION, MOTOR VEHICLE SAFETY; HAWAI'I STATE DEPARTMENT OF TRANSPORTATION, SAFE COMMUNITIES PROGRAM.

## 6.2.6

### HIGHWAY BRIDGES BY ISLAND DECEMBER 31, 2014

Island	Number of bridges	Longest bridge		Highest bridge	
		Location	Length (feet)	Location	Height (feet)
State	752	Airport Viaduct	14,890	Nanue	208
Hawai'i	135	Hakalau	775	Nanue	208
Maui	98	Honokahua	600	Uaoa	79
Lāna'i	0	None	0	None	0
Moloka'i	19	Manawainui	360	Manawainui	50
O'ahu	445	Airport Viaduct	14,890	Kīpapa	156
Kaua'i	55	Hanamā'ulu	1,150	Wahiawa, Kōloa	90

Note: LIMITED TO BRIDGES UNDER STATE JURISDICTION AND LONGER THAN 20 FEET.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION.

## 6.2.7

### LENGTH OF STREETS AND HIGHWAYS, PAVED AND UNPAVED BY ISLAND, DECEMBER 31, 2014

Island	Total Mileage	Paved		Unpaved
		Freeways	Other	
<b>State total</b>	<b>4,439.43</b>	<b>88.49</b>	<b>4,178.53</b>	<b>172.41</b>
Hawai'i	1,498.96	0	1,439.66	59.30
Maui	643.76	0	587.06	56.70
Lāna'i	48.21	0	34.21	14.00
Moloka'i	136.12	0	124.12	12.00
O'ahu	1,671.41	88.49	1,575.00	7.92
Kaua'i	440.97	0	418.48	22.49

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION.

## 6.2.8

### MOTOR VEHICLE FUEL CONSUMPTION AND VEHICLE MILES

Year	Highway fuel consumption <sup>1</sup>		Annual vehicle miles of travel	
	Total (1,000 gallons)	Gallons per vehicle <sup>2</sup>	Total (millions)	Per vehicle <sup>2</sup>
<b>Hawai'i County</b>				
2000	72,382	967	1,295.0	9,734
2001	73,937	538	1,337.9	9,730
2002	80,443	563	1,389.8	9,733
2003	88,383	583	1,474.1	9,726
2004	85,427	548	1,516.6	9,729
2005	88,959	541	1,651.2	10,043
2006	95,723	568	1,657.8	9,830
2007	105,421	598	1,680.7	9,528
2008	114,211	652	1,641.5	9,371
2009	118,362	686	1,676.3	9,734
2010	99,860	581	1,673.1	9,729
2011	105,404	579	1,768.7	9,722
2012	94,342	477	1,916.4	9,698
2013	93,952	450	2,025.4	9,708
2014	101,350	508	1,683.1	8,432
<b>State</b>				
2000	428,425	455	8,525.7	9,058
2001	445,558	461	8,754.3	9,052
2002	477,518	484	8,937.3	9,050
2003	483,232	469	9,325.0	9,046
2004	498,816	463	9,734.6	9,042
2005	505,418	459	10,129.1	9,045
2006	531,505	471	10,196.3	9,044
2007	541,956	478	10,259.9	9,043
2008	540,910	480	10,189.1	9,036
2009	545,413	488	10,095.2	9,031
2010	500,987	447	10,111.0	9,027
2011	546,247	462	10,653.9	9,020
2012	520,544	407	11,517.7	9,011
2013	523,856	391	12,078.2	9,006
2014	524,642	416	10,173.5	8,409

1. INCLUDES GASOLINE, DIESEL OIL, AND BUTANE GAS.

2. DATA INCLUDE PASSENGER CARS, BUSES, TRUCKS, AND MOTORCYCLES BUT EXCLUDE TRAILERS AND SEMI-TRAILERS.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION, PLANNING BRANCH.

## 6.2.9

### VEHICLE REGISTRATION BY TAXATION STATUS BY COUNTY, 2014

Taxation status	State total	Hawai'i	Honolulu	Kaua'i	Maui
<b>Taxable vehicles</b>	<b>1,131,772</b>	<b>191,397</b>	<b>682,510</b>	<b>82,553</b>	<b>175,312</b>
<b>Exempt vehicles</b>	<b>114,650</b>	<b>2,428</b>	<b>108,755</b>	<b>1,144</b>	<b>2,323</b>
Federal government	419	7	410	0	2
State government	6,533	0	6,532	0	1
County government	7,885	1,031	5,025	618	1,211
Fire department	335	147	60	62	66
Police department	1,913	416	1,340	28	129
Consulates	61	2	59	0	0
Disabled veterans	321	269	46	5	1
Military non-resident	87,584	82	87,198	218	86
Farm	116	54	33	1	28
Horseless carriage	66	4	51	11	0
Electric vehicles	3,253	150	2,394	106	603
National Guard	6,164	266	5,607	95	196
<b>Total registered</b>	<b>1,246,422</b>	<b>193,825</b>	<b>791,265</b>	<b>83,697</b>	<b>177,635</b>

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, SAFE COMMUNITIES PROGRAM.

## 6.2.10

### DRIVERS INVOLVED IN FATAL CRASHES AND BLOOD ALCOHOL CONCENTRATION (BAC) OF THE DRIVER: 2013

County	All drivers	No alcohol BAC = 0.00		Any alcohol BAC = 0.01 +		BAC = 0.01-0.07		BAC = 0.08 +	
		Number	%	Number	%	Number	%	Number	%
Hawai'i	26	14	54	12	46	6	23	6	23
Honolulu	54	31	58	23	42	5	9	18	33
Kaua'i	7	3	43	4	57	0	0	4	57
Maui	17	9	53	8	47	1	6	7	41
<b>State</b>	<b>104</b>	<b>57</b>	<b>55</b>	<b>47</b>	<b>45</b>	<b>12</b>	<b>11</b>	<b>35</b>	<b>34</b>

SOURCE: U.S. DEPARTMENT OF TRANSPORTATION, NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION (NHTSA),  
NATIONAL CENTER FOR STATISTICS & ANALYSIS, FATALITY ANALYSIS REPORTING SYSTEM.

## 6.2.11

### TRAFFIC ACCIDENTS, TRAFFIC INJURIES, AND TRAFFIC DEATHS, BY COUNTY

	2009	2010	2011	2012 <sup>3</sup>	2013 <sup>4</sup>
Major traffic accidents <sup>1</sup>					
Honolulu	4534	5,239	3,948	466	NA
Hawai'i	1536	1,401	256	825	NA
Kaua'i	445	440	409	240	NA
Maui	858	849	180	24	NA
Fatal Accidents <sup>2</sup>					
Honolulu	50	59	49	49	52
Hawai'i	24	27	23	36	19
Kaua'i	7	9	6	6	7
Maui	18	12	19	23	16
Persons Injured					
Honolulu	3680	4,300	3,361	401	NA
Hawai'i	834	825	241	813	NA
Kaua'i	407	395	371	201	NA
Maui	862	914	204	28	NA
Persons Killed <sup>2</sup>					
Honolulu	53	60	51	56	56
Hawai'i	27	29	23	38	23
Kaua'i	8	10	6	8	7
Maui	21	12	20	23	16

NA: NOT AVAILABLE

1. EFFECTIVE JUNE 20, 1995, INCLUDES ONLY ACCIDENTS WITH DAMAGE OF \$3,000 OR MORE OR CAUSING INJURY OR DEATH.

2. EFFECTIVE 2005, BASED ON FATALITY ANALYSIS REPORTING SYSTEM (FARS) DATA PUBLISHED BY THE NATIONAL HIGHWAY TRAFFIC SAFETY ADMIN.

3. REVISED FROM PREVIOUS DATA BOOK.

4. PRELIMINARY.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HIGHWAYS DIVISION, TRAFFIC BRANCH.

## 6.2.12

### TOTAL AIR SEATS OPERATED TO KONA INTERNATIONAL AIRPORT

	Kona International Airport			Statewide		
	2015 <sup>1</sup>	2014	% Change	2015 <sup>1</sup>	2014	% Change
<b>DOMESTIC SEATS</b>	<b>771,992</b>	<b>650,143</b>	<b>18.7</b>	<b>8,203,127</b>	<b>7,594,598</b>	<b>8.0</b>
<b>US West</b>	<b>771,992</b>	<b>650,143</b>	<b>18.7</b>	<b>7,217,348</b>	<b>6,681,786</b>	<b>8.0</b>
Anchorage	7,172	4,806	49.2	66,504	60,546	9.8
Denver	15,951	11,466	39.1	158,160	146,350	8.1
Las Vegas	NA	NA	NA	297,479	296,747	0.2
Los Angeles	288,998	249,496	15.8	2,541,330	2,456,779	3.4
Oakland	65,364	45,799	42.7	393,196	366,472	7.3
Phoenix	60,386	58,520	3.2	503,861	485,599	3.8
Portland	28,851	26,736	7.9	323,294	308,441	4.8
Sacramento	NA	NA	NA	154,030	153,292	0.5
San Diego	21,027	0	NA	285,632	269,449	6.0
San Francisco	144,913	134,584	7.7	1,145,676	933,968	22.7
San Jose	34,100	25,590	33.3	357,418	313,038	14.2
Seattle	105,230	93,146	13.0	858,205	715,343	20.0
<b>US East</b>	<b>NA</b>	<b>NA</b>	<b>NA</b>	<b>928,088</b>	<b>854,518</b>	<b>8.6</b>
<b>CANADA SEATS</b>	<b>NA</b>	<b>36,410</b>	<b>NA</b>	<b>459,636</b>	<b>399,960</b>	<b>14.9</b>
Vancouver	NA	36,410	NA	391,183	338,263	15.6
<b>TOTAL SEATS</b>	<b>771,992</b>	<b>686,553</b>	<b>18.7%</b>	<b>8,662,763</b>	<b>7,994,558</b>	<b>8.4%</b>

1. PRELIMINARY NUMBERS.

NOTE: INCLUDES DIRECT, NON-STOP FLIGHTS ONLY. NOT ALL ORIGINATING LOCATIONS ARE LISTED. CHARTER FLIGHTS ARE NOT INCLUDED.

NA: NOT AVAILABLE

SOURCE: OFFICIAL AIRLINE GUIDE. CALCULATIONS BY THE HAWAII TOURISM AUTHORITY.

## 6.2.13

### AIRCRAFT OPERATIONS BY TYPE OF AIRCRAFT MAJOR STATE-OWNED AIRPORTS, 2013

Airport	Total operations	Air carrier	Air taxi	General aviation	Military
Honolulu International	290,237	154,585	71,763	49,329	14,560
Kahului	128,303	45,018	61,623	18,998	2,664
Kona International	118,037	22,276	26,621	52,548	16,592
Līhu'e	126,302	26,194	68,938	24,857	6,313
Hilo International	94,311	14,933	46,536	18,434	14,408
Moloka'i	34,518	1,358	24,005	6,041	3,114
Kalaeloa	139,124	2	2	110,742	28,378

DEFINITIONS:

AIRCRAFT OPERATIONS: TOTAL AIRCRAFT MOVEMENTS, TAKEOFFS AND LANDINGS, COMBINED.

AIR CARRIER: LARGE COMMERCIAL AIRCRAFT HAVING MORE THAN 60 SEATS.

AIR TAXI: SMALL COMMERCIAL AIRCRAFT WITH 60 SEATS OR LESS.

GENERAL AVIATION IS ALL TYPES OF CIVIL AVIATION, INCLUDING PRIVATE JETS, CORPORATE JETS, AND HELICOPTERS.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, AIRPORTS DIVISION.

## 6.2.14

### AIRCRAFT OPERATIONS BY TYPE OF AIRCRAFT KONA AND HILO AIRPORTS

	2006	2007	2008	2009	2010	2011	2012	2013
<b>Kona Airport</b>								
All movements	143,411	144,537	127,796	109,581	124,889	109,456	116,654	118,037
Air carrier	29,232	32,359	27,331	28,355	24,691	24,203	22,789	22,276
Air taxi	21,685	19,635	19,518	16,286	15,815	18,086	24,799	26,621
General Aviation	72,968	75,767	70,064	51,669	72,024	49,420	55,727	52,548
Military	19,526	16,776	10,883	13,271	12,359	17,747	13,339	16,592
<b>Hilo Airport</b>								
All movements	96,724	96,011	75,598	67,851	78,663	78,003	79,064	94,311
Air carrier	17,226	16,393	14,577	15,689	14,033	14,213	14,919	14,933
Air taxi	50,485	52,935	43,502	36,953	39,219	38,459	40,794	46,536
General Aviation	20,294	19,378	13,466	9,090	15,394	12,815	14,710	18,434
Military	8,719	7,305	4,053	6,119	10,017	12,516	8,641	14,408

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, AIRPORTS DIVISION, AIRPORT ACTIVITY STATISTICS.



## 6.2.15

### PASSENGERS, CARGO AND MAIL, OVERSEAS AND INTERISLAND HAWAI'I COUNTY AIRPORTS

Airport	2010		2011		2012		2013	
	Outgoing	Incoming	Outgoing	Incoming	Outgoing	Incoming	Outgoing	Incoming
<b>Passengers<sup>1</sup></b>								
Kona								
Overseas	503,634	567,372	535,580	547,303	560,195	584,615	552,351	555,220
Interisland	823,730	754,757	796,972	799,861	852,844	844,281	875,371	863,745
Hilo								
Overseas	-	-	28,133	27,797	50,641	44,931	45,954	40,092
Interisland	635,699	643,643	596,025	605,491	621,149	632,638	623,761	634,832
Waimea-Kohala								
Interisland	26	28	26	15	5	16	1,346	1,278
<b>Cargo (U.S. tons)</b>								
Kona								
Overseas	6,234	4,199	3,963	3,558	4,456	2,924	3,678	1,316
Interisland	2,572	6,684	2,897	6,707	3,293	7,562	3,734	8,154
Hilo								
Overseas	-	-	1	5	4	6	4	2
Interisland	13,504	11,741	14,598	10,304	12,729	8,932	12,622	9,727
Waimea-Kohala								
Interisland	-	-	-	-	-	-	-	-
<b>Mail (U.S. tons)</b>								
Kona								
Overseas	380	2,942	985	3,044	1,497	3,894	1,566	4,176
Interisland	906	4,595	791	3,280	860	2,051	1,027	2,303
Hilo								
Overseas	-	-	-	-	-	-	-	-
Interisland	1,041	2,177	942	2,108	1,052	2,421	1,121	2,576
Waimea-Kohala								
Interisland	-	-	-	-	-	-	24	409

1. REVENUE AND NON-REVENUE PASSENGERS, EXCLUDING PASSENGERS IN TRANSIT AND MILITARY AIRLIFT COMMAND (MAC).

NOTE: OVERSEAS INCLUDES BOTH U.S. MAINLAND AND INTERNATIONAL FLIGHTS.

SOURCE: HAWAI'I STATE DEPARTMENT OF TRANSPORTATION, AIRPORTS DIVISION.

## 6.2.16

### VESSEL ARRIVALS FOR HILO AND KAWAIHAE HARBORS

*Excludes domestic fishing craft*

Hilo Harbor	2009	2010	2011	2012	2013
<b>Total Inbound Vessels</b>	<b>751</b>	<b>737</b>	<b>1,009</b>	<b>637</b>	<b>570</b>
<b>By Type of Vessel</b>					
Self propelled vessels					
Passenger and dry cargo	113	134	116	140	128
Tanker	3	8	7	7	13
Towboat or tugboat	316	280	258	324	231
Non-self propelled vessels					
Dry Cargo	218	201	525	82	129
Tanker	101	114	103	84	69
<b>By Draft</b>					
Less than 18 feet	533	494	567	428	390
18 feet and more	218	243	442	209	180
Kawaihae Harbor	2009	2010	2011	2012	2013
<b>Total Inbound Vessels</b>	<b>586</b>	<b>644</b>	<b>2,493</b>	<b>496</b>	<b>353</b>
<b>By Type of Vessel</b>					
Self propelled vessels					
Passenger and dry cargo	0	1	0	8	4
Tanker	0	0	0	0	0
Towboat or tugboat	310	337	275	309	141
Non-self propelled vessels					
Dry Cargo	273	306	2,218	179	208
Tanker	3	0	0	0	0
<b>By Draft</b>					
Less than 18 feet	527	588	484	372	328
18 feet and more	59	56	2,009	124	25

SOURCE: U.S. DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS, WATERBORNE COMMERCE OF THE UNITED STATES, PART 4, PACIFIC COAST, ALASKA, AND HAWAII, CALENDAR YEARS.

## 6.2.17

### FREIGHT TRAFFIC FOR HILO AND KAWAIHAE HARBORS

*In thousand short tons*

	Hilo			Kawaihae		
	Total	Inbound	Outbound	Total	Inbound	Outbound
2005	1,996	1,511	485	2,217	1,407	810
2006	2,408	1,617	792	2,728	1,531	1,197
2007	2,782	1,797	985	2,558	1,398	1,160
2008	2,068	1,405	663	2,063	1,165	897
2009	1,088	751	337	1,112	626	486
2010	1,135	860	276	1,050	633	417
2011	1,984	1,352	632	1,811	1,117	694
2012	1,968	1,312	656	1,837	1,128	709
2013	2,062	1,369	693	1,887	1,177	710

SOURCE: U.S. DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS, WATERBORNE COMMERCE OF THE UNITED STATES, PART 4, PACIFIC COAST, ALASKA, AND HAWAI'I, CALENDAR YEARS.

## 6.2.18

## FREIGHT TRAFFIC BY COMMODITY HILO AND KAWAIHAE HARBORS, 2013

*In short tons*

Hilo Harbor	Total	Domestic Inbound	Domestic Outbound	Foreign Traffic
<b>All Commodities</b>	<b>2,061,692</b>	<b>1,350,057</b>	<b>692,938</b>	<b>18,697</b>
<b>Total Petroleum and Petroleum Products</b>	<b>429,420</b>	<b>410,832</b>	<b>0</b>	<b>18,588</b>
2211 Gasoline	202,134	202,134	0	0
2330 Distillate fuel oil	112,741	112,741	0	0
2340 Residual fuel oil	94,712	94,712	0	0
2640 Hydrocarbon & petrol gases, liquefied and gaseous	19,672	1,084	0	18,588 <sup>1</sup>
<b>Total Chemicals and Related Products</b>	<b>12,413</b>	<b>12,207</b>	<b>206</b>	<b>0</b>
3190 Fertilizers and mixes NEC	1,988	1,969	19	0
3220 Alcohols	10,042	10,042	0	0
<b>Total Crude Materials, Inedible (Except Fuels)</b>	<b>15,359</b>	<b>5,438</b>	<b>9,921</b>	<b>0</b>
4189 Lumber	6,958	4,526	2,432	0
4225 Pulp & waste paper	2,731	0	2,731	0
4420 Iron & steel scrap	5,479	721	4,758	0
<b>Total Primary Manufactured Goods</b>	<b>33,267</b>	<b>27,125</b>	<b>6,142</b>	<b>0</b>
5190 Paper products NEC	2,429	2,196	233	0
5220 Cement and concrete	12,808	12,808	0	0
5290 Misc. mineral products	2,453	2,236	217	0
5480 Fabricated metal products	14,711	9,076	5,635	0
<b>Total Food and Farm Products</b>	<b>36,880</b>	<b>18,455</b>	<b>18,425</b>	<b>0</b>
6442 Rice	138	138	0	0
6654 Vegetables and products	6,366	1,745	4,621	0
6781 Hay & fodder	23	23	0	0
6782 Animal feed, prepared	1,620	1,603	17	0
6811 Meat, fresh, frozen	671	671	0	0
6839 Animals and products NEC	230	102	128	0
6885 Alcoholic beverages	4,414	4,394	20	0
6887 Groceries	16,232	4,612	11,620	0
6889 Food products NEC	6,043	5,156	887	0
6899 Farm products NEC	1,132	0	1,132	0
<b>Total All Manufactured Equip., Machinery &amp; Products</b>	<b>1,534,353</b>	<b>876,000</b>	<b>658,244</b>	<b>109</b>
7110 Machinery (not electric)	1,443	658	705	80 <sup>1</sup>
7210 Vehicles & parts	95,980	68,844	27,136	0
7400 Manufactured wood products	13,696	12,833	863	0
7500 Textile Products	29	0	0	29 <sup>2</sup>
7900 Manufactured products NEC	1,421,997	793,263	628,734	0

1. FOREIGN INBOUND. 2. FOREIGN OUTBOUND. NOTE: TOTALS MAY NOT ADD DUE TO ROUNDING.

NEC: NOT ELSEWHERE CLASSIFIED

**6.2.18**  
**CONTINUED**

<b>Kawaihae Harbor</b>	<b>Total</b>	<b>Domestic Inbound</b>	<b>Domestic Outbound</b>	<b>Foreign Traffic<sup>1</sup></b>
<b>All Commodities</b>	<b>1,886,943</b>	<b>1,177,222</b>	<b>699,202</b>	<b>10,519</b>
<b>Total Petroleum and Petroleum Products</b>	<b>672</b>	<b>666</b>	<b>6</b>	<b>0</b>
2350 Lube Oil & Greases	609	603	6	0
2990 Petro. Products NEC	63	63	0	0
<b>Total Chemicals and Related Products</b>	<b>6,668</b>	<b>6,450</b>	<b>218</b>	<b>0</b>
3190 Fertilizers and mixes NEC	5,559	5,559	0	0
<b>Total Crude Materials, Inedible (Except Fuels)</b>	<b>44,171</b>	<b>17,143</b>	<b>16,509</b>	<b>10,519</b>
4170 Wood in the rough	10,519	0	0	10,519
4189 Lumber	19,311	16,488	2,823	0
4225 Pulp & waste paper	5,213	16	5,197	0
4420 Iron & steel scrap	8,802	313	8,489	0
<b>Total Primary Manufactured Goods</b>	<b>42,996</b>	<b>39,831</b>	<b>3,165</b>	<b>0</b>
5190 Paper products NEC	6,788	6,218	570	0
5220 Cement and concrete	24,029	24,029	0	0
5480 Fabricated metal products	7,914	5,773	2,141	0
<b>Total Food and Farm Products</b>	<b>105,134</b>	<b>71,568</b>	<b>33,566</b>	<b>0</b>
6442 Rice	1,781	1,781	0	0
6654 Vegetables and products	10,486	8,080	2,406	0
6781 Hay & fodder	4,084	4,061	23	0
6782 Animal feed, prepared	4,769	4,729	40	0
6811 Meat, fresh, frozen	4,428	4,366	62	0
6839 Animals and products NEC	7,999	1,823	6,176	0
6871 Coffee	501	0	501	0
6885 Alcoholic beverages	17,789	17,647	142	0
6887 Groceries	4,652	2,412	2,240	0
6889 Food products NEC	43,384	22,023	21,361	0
6899 Farm products NEC	5,245	4,630	615	0
<b>Total All Manufactured Equip., Machinery &amp; Products</b>	<b>1,687,218</b>	<b>1,041,564</b>	<b>645,654</b>	<b>0</b>
7110 Machinery (not electric)	9,934	1,530	8,404	0
7120 Electrical machinery	1,748	476	1,272	0
7210 Vehicles & parts	79,418	56,118	23,300	0
7400 Manufactured wood products	35,658	28,841	6,817	0
7900 Manufactured products NEC	1,559,066	953,826	605,240	0
<b>Total Waste Material</b>	<b>84</b>	<b>0</b>	<b>84</b>	<b>0</b>
8900 Waste and Scrap NEC	84	0	84	0

1. FOREIGN OUTBOUND. NEC: NOT ELSEWHERE CLASSIFIED

SOURCE: U.S. DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS, WATERBORNE COMMERCE OF THE UNITED STATES, PART 4, PACIFIC COAST, ALASKA, AND HAWAII, CALENDAR YEARS.

## 6.2.19

### FREIGHT TRAFFIC BY COMMODITY HILO AND KAWAIHAE HARBORS, HISTORICAL

*In short tons*

	Hilo		Kawaihae	
	2011	2012	2011	2012
<b>All Commodities</b>	<b>1,984,285</b>	<b>1,968,047</b>	<b>1,810,855</b>	<b>1,837,107</b>
Receipts	1,352,198	1,311,608	1,117,167	1,128,028
Shipments	632,087	656,439	693,688	709,079
<b>Total Petroleum and Petroleum Products</b>	<b>476,438</b>	<b>420,737</b>	<b>820</b>	<b>535</b>
Receipts	476,438	420,737	820	535
Shipments	0	0	0	0
<b>Total Chemicals and Related Products</b>	<b>9,924</b>	<b>8,692</b>	<b>4,534</b>	<b>8,137</b>
Receipts	9,738	8,572	4,306	7,673
Shipments	186	120	228	464
<b>Total Crude Materials, Inedible (Except Fuels)</b>	<b>22,711</b>	<b>8,269</b>	<b>22,779</b>	<b>51,454</b>
Receipts	15,907	4,697	14,239	23,970
Shipments	6,804	3,572	8,540	27,484
<b>Total Primary Manufactured Goods</b>	<b>23,798</b>	<b>27,246</b>	<b>35,525</b>	<b>46,277</b>
Receipts	19,726	24,211	31,749	42,969
Shipments	4,072	3,035	3,776	3,308
<b>Total Food and Farm Products</b>	<b>38,711</b>	<b>31,722</b>	<b>94,053</b>	<b>112,725</b>
Receipts	21,360	15,377	64,715	74,880
Shipments	17,351	16,345	29,338	37,845
<b>Total All Manufactured Equip., Machinery</b>	<b>1,408,532</b>	<b>1,471,022</b>	<b>1,650,328</b>	<b>1,616,610</b>
Receipts	809,010	838,014	1,001,293	977,912
Shipments	599,522	633,008	649,035	638,698
<b>Total Waste and Scrap, NEC</b>	<b>4,152</b>	<b>334</b>	<b>2,771</b>	<b>1,252</b>
Receipts	0	0	0	27
Shipments	4,152	334	2,771	1,225

NEC: NOT ELSEWHERE CLASSIFIED

NOTE: TOTALS MAY NOT ADD DUE TO ROUNDING.

SOURCE: U.S. DEPARTMENT OF THE ARMY, CORPS OF ENGINEERS, WATERBORNE COMMERCE OF THE UNITED STATES, PART 4, PACIFIC COAST, ALASKA, AND HAWAI'I, CALENDAR YEARS.

# Energy & Science



## Section 7

### ENERGY & SCIENCE

The increase in Hawai'i County's population has been reflected in the utilities. Consumption and use of electricity, gas, utilities, and water have all increased dramatically over the last decade. Statistics on electricity, gas, water production and consumption are covered.

The cumulative number of photovoltaic systems has almost tripled from 3,392 in 2012 to 9,664 in 2015.

Ongoing scientific endeavors include observation of astronomical and man-made space objects from the summits of Mauna Kea and Haleakalā.



## 7.1.1

## TELESCOPES AT THE SUMMITS OF MAUNA KEA AND HALEAKALĀ

Facility (mirror diameter in meters)	Capital Cost (\$ mil) <sup>1</sup>	Annual Operating Cost (\$ mil)	County Based Staff	Operational
<b>Mauna Kea observatories:</b>				
UH 2.2-m (Optical/Infrared)	5	1	6	1970
Canada-France-Hawai'i 3.6-m (Optical/Infrared)	30	7.4	45	1979
NASA IRTF 3.0-m (Infrared)	10	5.1	19	1979
United Kingdom 3.8-m (Infrared)	5	2.2	6	1979
James Clerk Maxwell 15-m Submillimeter	32	4.7	35	1986
Caltech 10.4-m Submillimeter	10	0.6	5	1986
VLBA Antenna 25-m (Radio)	7	0.4	2	1992
W.M. Keck Observatory (Keck I & II)				
10-m x 2 (Optical/Infrared)	170	13.5	120	1992/1996
Subaru (Japan National Large Telescope)				
8-m (Optical/Infrared)	170	17.0	101	1999
Fredrick C. Gillett Gemini 8m (Optical/Infrared)	92	13.7	83	1999
Submillimeter Array 8x6-m	80	5.5	23	2003
Mauna Kea Observatories Support Services	X	5.4 <sup>2</sup>	44	1980
<b>Total</b>	<b>601</b>	<b>72.4</b>	<b>484</b>	
<b>Haleakalā observatories:</b>				
Mees Solar Observatory	0.5	0.2	1	1963
Haleakalā Observatories Projects	NA	0.5	4	NA
Maui Space Surveillance Site (MSSS)	250.0	26.3	117	1965
Ground-Based Electro-Optical Deep Space				
Surveillance (GEODSS)	25.0	6.1	16	1983
Faulkes 2-m Telescope	10.0	0.6	2	2003
Transportable Laser Ranging System (TLRS4)	0.6	0.5	5	2005
Panoramic Survey Telescope And Rapid Re-				
sponse				
System (Pan-STARRS)	55.0	5.6	11	2009
Haleakalā Support Facilities	8.6	0.6	11	1962/2008
<b>Total</b>	<b>349.7</b>	<b>40.4</b>	<b>167</b>	

NA NOT AVAILABLE. X NOT APPLICABLE.

NOTE: DATA AS OF MARCH 2016 FOR MAUNA KEA AND 2014 FOR HALEAKALĀ.

1. HISTORICAL COST, NOT ADJUSTED FOR INFLATION, AND NOT INCLUDING SUBSEQUENT CAPITAL IMPROVEMENTS FOR MAUNA KEA OBSERVATION.

2. ONLY \$1.9 MILLION OF THIS INCLUDED IN TOTAL AS THE OTHER \$3.5 MILLION ARE PART OF FACILITY OPERATING COSTS.

SOURCE: UNIVERSITY OF HAWAII AT MANOA, INSTITUTE FOR ASTRONOMY.

## 7.1.2

### ELECTRIC UTILITIES HAWAI'I COUNTY

	2010	2011	2012	2013	2014
<b>Customers, Dec 31</b>					
<b>Total</b>	<b>80,695</b>	<b>81,199</b>	<b>81,792</b>	<b>82,637</b>	<b>83,421</b>
Residential	67,837	68,423	69,099	69,719	70,398
Other	12,858	12,776	12,693	12,918	13,023
<b>Peak Demand (mW)</b>					
<b>Total</b>	<b>190.6</b>	<b>189.2</b>	<b>189.3</b>	<b>189.3</b>	<b>190.2<sup>1</sup></b>
<b>Power Sold (1,000 kWh)</b>					
<b>Total</b>	<b>1,109,783</b>	<b>1,103,572</b>	<b>1,085,171</b>	<b>1,076,104</b>	<b>1,062,521</b>
Residential	430,942	426,793	409,840	395,701	386,585
Other	678,841	676,779	675,331	680,402	675,936
<b>Average Annual Use, Dec 31 (kWh)</b>					
Residential	6,353	6,238	5,931	5,676	5,491
Other	52,795	52,973	53,205	52,671	51,903
<b>Average Rate (dollars per kWh)</b>					
Residential	0.35308	0.41918	0.42470	0.42170	0.41889
Other	0.32348	0.39050	0.39268	0.38713	0.38274
<b>Revenues (\$1,000)</b>					
<b>Total</b>	<b>371,746</b>	<b>443,189</b>	<b>439,249</b>	<b>430,272</b>	<b>420,647</b>
Residential	152,157	178,904	174,061	166,865	161,938
Other	219,589	264,285	265,188	263,407	258,709

mW: MEGAWATTS

kWh: KILOWATT HOURS

1. NET PEAK DEMAND IN 2013.

SOURCE: MONTHLY FINANCIAL REPORTS ISSUED BY UTILITY COMPANIES (HAWAIIAN ELECTRIC COMPANY, MAUI ELECTRIC COMPANY, HAWAI'I ELECTRIC LIGHT COMPANY AND KAUAI ISLAND UTILITY COOPERATIVE), CALCULATIONS BY DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.

### 7.1.3

## GAS UTILITIES HAWAI'I COUNTY

*Excludes bottled gas*

	2010	2011	2012	2013	2014
<b>Customers, Dec. 31</b>					
Residential	1,486	1,458	1,488	1,524	1,538
Other	299	303	313	315	322
<b>Total</b>	<b>1,785</b>	<b>1,761</b>	<b>1,801</b>	<b>1,839</b>	<b>1,860</b>
<b>Gas Sold (1,000 therms)</b>					
Residential	305	288	296	301	299
Other	1,969	1,993	2,067	2,052	2,050
<b>Total</b>	<b>2,274</b>	<b>2,281</b>	<b>2,363</b>	<b>2,353</b>	<b>2,349</b>
<b>Average Annual Use (therms)</b>					
Residential	205	197	199	197	194
Other	6,586	6,577	6,604	6,514	6,368
<b>Average rate (dollar per therm)</b>					
Residential	4.72953	5.23093	5.00541	4.80329	5.14649
Other	2.58894	2.99073	2.85185	2.65501	2.97662
<b>Revenues (\$1,000)</b>					
Residential	1,442	1,506	1,483	1,445	1,539
Other	5,098	5,960	5,895	5,448	6,103
<b>Total</b>	<b>2,344</b>	<b>1,830</b>	<b>2,369</b>	<b>2,653</b>	<b>2,624</b>

SOURCE: HAWAI'I GAS THE CLEAN ENERGY COMPANY, HAWAI'I GAS UTILITY MONTHLY FINANCIAL REPORTS,  
CALCULATIONS BY HAWAI'I STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT AND TOURISM.

## 7.1.4

# ENERGY CONSUMPTION ESTIMATES BY SOURCE HAWAI'I STATE ENERGY REPORT

*In trillion BTU*

	2009	2010	2011	2012	2013
<b>Coal</b>	<b>19.0</b>	<b>17.1</b>	<b>16.1</b>	<b>16.6</b>	<b>15.3</b>
<b>Natural gas</b>	<b>0.2</b>	<b>2.7</b>	<b>0.2</b>	<b>0.2</b>	<b>0.2</b>
<b>Petroleum</b>					
Distillate fuel oil	35.6	27.5	36.8	35.2	33.0
Jet fuel	47.0	51.0	62.1	64.1	64.2
Liquefied petroleum gas	2.9	3.2	3.5	3.4	3.2
Motor gasoline	52.5	51.8	53.8	50.4	51.0
Residual fuel oil	78.2	76.7	73.6	67.4	65.3
Other	14.4	14.6	16.6	16.9	16.3
<b>Total petroleum</b>	<b>230.7</b>	<b>238.6</b>	<b>246.2</b>	<b>237.4</b>	<b>233.0</b>
<b>Renewable Energy</b>					
Hydroelectric	1.1	0.7	0.9	1.1	0.7
Wood and waste	8.4	7.5	NA	NA	NA
Ethanol fuel	3.6	4.3	NA	NA	NA
Geothermal	1.6	2.0	NA	NA	NA
Solar / Photovoltaic	2.8	3.5	NA	NA	NA
Wind	2.5	2.5	NA	NA	NA
Biomass	NA	NA	NA	10.2	11.2
Other Renewables	NA	NA	NA	12.9	16.7
<b>Total renewable energy</b>	<b>20.0</b>	<b>20.6</b>	<b>23.5</b>	<b>24.2</b>	<b>28.6</b>
<b>Total Energy Consumption</b>	<b>269.8</b>	<b>272.1</b>	<b>286.0</b>	<b>278.4</b>	<b>277.1</b>

SOURCE: U.S. DEPARTMENT OF ENERGY, ENERGY INFORMATION ADMINISTRATION, STATE ENERGY DATA SYSTEM.

## 7.1.5

## PHOTOVOLTAIC SYSTEMS

As of December 31st

	2012		2013		2014		2015	
	Number of PV Systems	Capacity (MW)	Number of PV Systems	Capacity (MW)	Number of PV Systems	Capacity (MW)	Number of PV Systems	Capacity (MW)
Hawaiian Electric	15,486	119.0	29,558	221.0	36,396	283.0	41,568	343.0
Hawai'i Electric Light	3,392	24.3	5,355	38.2	7,439	51.7	9,664	69.8
Maui Electric	3,672	28.4	5,246	40.9	7,150	54.5	9,320	73.6
Kaua'i Island Utility Cooperative	1,077	NA	1,811	NA	2,376	48.5	2,911 <sup>1</sup>	NA
<b>Total</b>	<b>23,627</b>	<b>171.7</b>	<b>41,970</b>	<b>300.1</b>	<b>53,361</b>	<b>437.7</b>	<b>63,463</b>	<b>486.4</b>

1. AS OF JUNE 30, 2015.  
NA: NOT AVAILABLE

SOURCE: HAWAIIAN ELECTRIC COMPANY, QUARTERLY INSTALLED PV DATA; KAUAI ISLAND UTILITY COOPERATIVE, ANNUAL MEETING, JULY 2015; KAUAI ISLAND UTILITY COOPERATIVE, ANNUAL REPORT 2014.

## 7.1.6

## WATER SERVICES AND CONSUMPTION BY COUNTY

*Years ending June 30*

	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015
	<b>Number of Services</b>										
Hawaii'i County	38,844	39,585	40,681	41,089	41,209	41,409	41,528	41,786	42,022	42,378	42,759
City and County of Honolulu	166,445	168,272	170,055	171,281	173,377	174,046	174,269	175,281	175,921	176,518	NA
Kaua'i County	19,390	19,564	19,825	19,957	20,100	19,600	19,737	21,148	21,263	21,590	NA
Maui County	33,123	33,675	34,682	35,444	35,540	35,611	35,698	35,753	35,866	36,040	NA
<b>State Total</b>	<b>257,802</b>	<b>261,096</b>	<b>265,243</b>	<b>267,771</b>	<b>270,226</b>	<b>270,666</b>	<b>271,232</b>	<b>273,968</b>	<b>275,072</b>	<b>276,526</b>	<b>NA</b>
	<b>Consumption (million gallons)</b>										
Hawaii'i County	9,134	9,567	9,914	9,530	9,171	9,505	8,806	9,073	9,230	9,080	9,196
City and County of Honolulu	51,044	52,887	49,027	53,297	50,396	52,060	50,238	49,128	47,734	51,794	NA
Kaua'i County	4,032	4,466	4,490	4,663	4,407	4,249	4,263	4,085	4,505	3,997	NA
Maui County	12,961	13,186	13,258	12,797	12,074	12,214	12,371	12,675	13,253	11,851	NA
<b>State Total</b>	<b>77,171</b>	<b>80,106</b>	<b>76,689</b>	<b>80,287</b>	<b>76,048</b>	<b>78,028</b>	<b>75,678</b>	<b>74,961</b>	<b>74,722</b>	<b>76,722</b>	<b>NA</b>

SOURCE: DATA COMPILED BY HAWAII'S STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM FROM CITY AND COUNTY OF HONOLULU BOARD OF WATER SUPPLY,  
COUNTY OF HAWAII DEPARTMENT OF WATER SUPPLY, COUNTY OF KAUAI DEPARTMENT OF WATER, AND COUNTY OF MAUI DEPARTMENT OF WATER SUPPLY.

## 7.1.7

## WATER SYSTEM SERVICE CHARGES AND DEVELOPMENT FEE SCHEDULES

Meter Size	Standby Charge <sup>2</sup>	Consumption Charge (gallons per month) <sup>3</sup>			
		1st Block \$0.89	2nd Block \$1.80	3rd Block \$3.03	4th Block \$3.95
5/8 inch	\$16.00	1 to 5,000	5,001 to 15,000	15,001 to 40,000	More than 40,000
1 inch	\$32.00	1 to 5,000	5,001 to 100,000	100,001 to 300,000	More than 300,000
1-1/2 inch	\$59.00	1 to 5,000	5,001 to 400,000	400,001 to 1,000,000	More than 1,000,000
2 inch	\$92.00	1 to 5,000	5,001 to 900,000	900,001 to 2,000,000	More than 2,000,000
3 inch	\$167.00	1 to 5,000	5,001 to 2,000,000	2,000,001 to 5,000,000	More than 5,000,000
4 inch	\$275.00	1 to 5,000	5,001 to 4,700,000	4,700,001 to 10,000,000	More than 10,000,000
6 inch	\$545.00	1 to 5,000	5,001 to 10,000,000	10,000,001 to 25,000,000	More than 25,000,000
8 inch	\$869.00	1 to 5,000	5,001 to 20,000,000	20,000,001 to 50,000,000	More than 50,000,000
10 inch	\$1,250.00	1 to 5,000	5,001 to 40,000,000	40,000,001 to 100,000,000	More than 100,000,000
12 inch	\$2,420.00	1 to 5,000	5,001 to 60,000,000	60,000,001 to 150,000,000	More than 150,000,000
<b>Power Cost Charge (per 1,000 gallons)<sup>1</sup></b>		\$2.32 to \$2.35			
		<b>Total water sales</b>			
		2014	\$47,590,318		
		2015	\$48,457,620		

NOTE: MONTHLY WATER SERVICE CHARGES FOR FISCAL YEAR 2015.

1. THE WATER BILL CONSISTS OF THREE COMPONENTS: STANDBY CHARGE, CONSUMPTION CHARGE AND POWER COST CHARGE.

2. STANDBY CHARGE IS A MINIMUM MONTHLY SERVICE CHARGE BASED ON METER SIZE.

3. GENERAL USE RATES.

SOURCE: COUNTY OF HAWAII, DEPARTMENT OF WATER SUPPLY.

### 7.1.8

## WATER SERVICE BY METER SIZE, HAWAI'I COUNTY

Year ending June 30, 2015

	5/8"	3/4"	1"	1 1/2"	2"	3"	4"	6"	8"	10"	Total
<b>Reg</b>	39,840	NA	1278	566	434	114	39	69	40	1	<b>42,381</b>
<b>Fire</b>	NA	NA	NA	NA	9	NA	56	155	158	NA	<b>378</b>

SOURCE: COUNTY OF HAWAI'I, DEPARTMENT OF WATER SUPPLY.

### 7.1.9

## WATER CONSUMPTION BY DISTRICT, HAWAI'I COUNTY

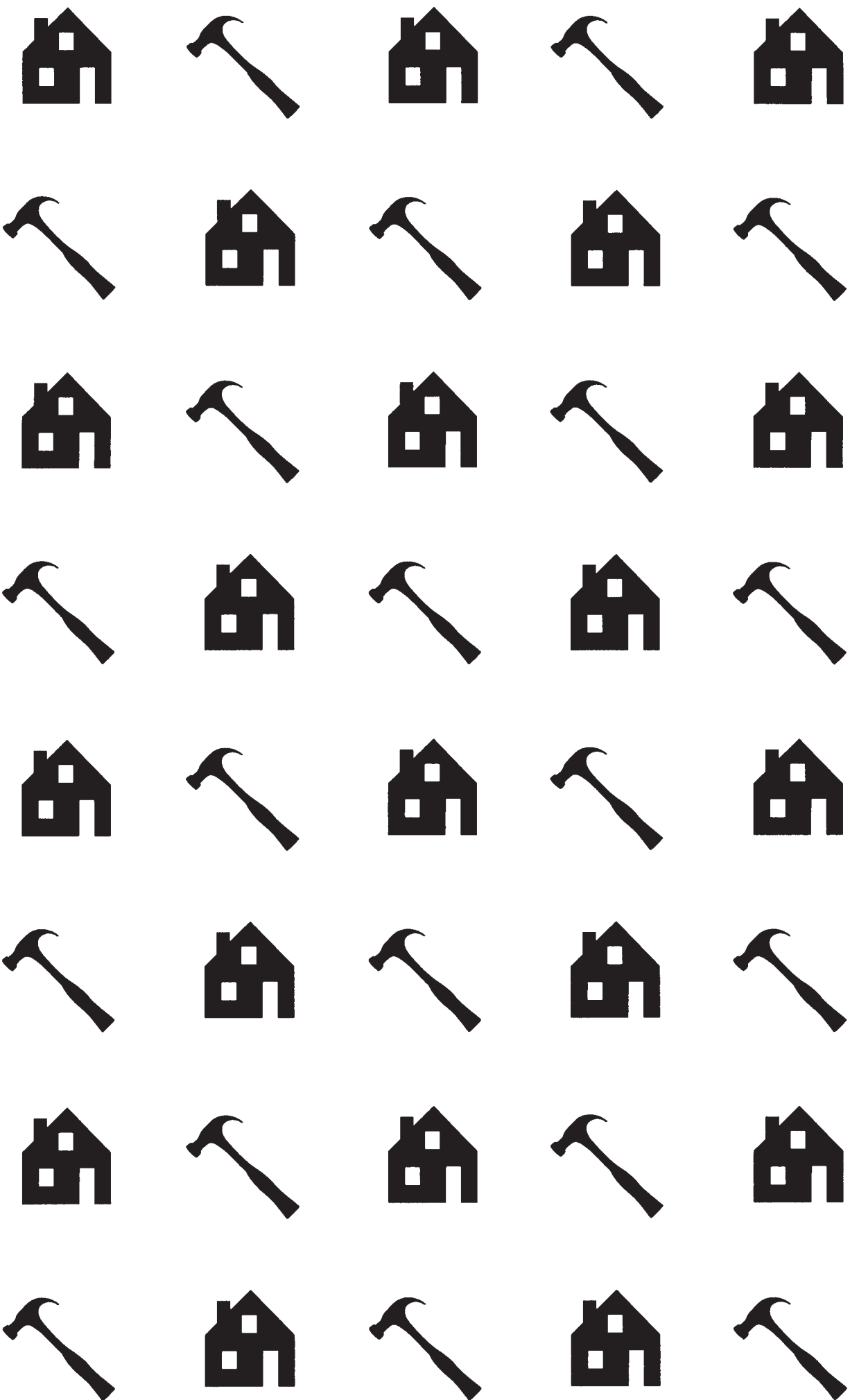
Year ending June 30, 2015; in 1,000 gallons

Month	Total	South Hilo	North Hilo	Hāmākua	South Kohala	North Kohala	Ka'ū	Puna	Kona
July	896,562	151,250	7,085	854	339,750	416	31,884	18,726	346,597
Aug	629,542	167,444	233	33,881	44,836	39,254	1,025	53,531	289,338
Sept	927,159	149,769	7,574	809	339,933	583	27,618	20,353	380,520
Oct	633,891	171,235	342	30,070	35,210	38,541	1,482	59,217	297,794
Nov	889,642	148,636	8,253	846	330,655	657	26,082	19,757	354,756
Dec	626,402	169,793	176	30,772	29,188	37,072	1,124	48,542	309,735
Jan	909,876	149,635	7,171	979	296,926	542	28,802	19,860	405,961
Feb	681,055	182,679	166	32,776	28,450	34,755	1,232	72,495	328,502
Mar	834,726	145,619	5,613	881	266,604	565	28,633	20,382	366,429
Apr	637,191	171,204	199	30,021	38,622	33,848	1,322	55,250	306,725
May	905,186	143,127	6,169	1,133	326,875	562	33,050	18,985	375,285
June	624,694	164,118	192	31,977	40,668	38,154	871	52,577	296,137
<b>Total</b>	<b>9,195,926</b>	<b>1,914,509</b>	<b>43,173</b>	<b>194,999</b>	<b>2,117,717</b>	<b>224,949</b>	<b>183,125</b>	<b>459,675</b>	<b>4,057,779</b>
<b>Services</b>	<b>42,759</b>	<b>16,127</b>	<b>579</b>	<b>2,123</b>	<b>4,152</b>	<b>1,888</b>	<b>1,480</b>	<b>3,352</b>	<b>13,058</b>

SOURCE: COUNTY OF HAWAI'I, DEPARTMENT OF WATER SUPPLY.



# Construction & Housing



## Section 8

### CONSTRUCTION & HOUSING

Statistics on building permits, construction authorizations and modifications for both public and private projects are covered in this section. Tenure and control of real property is reflected here, as are Hawai'i Island's housing characteristics by division and census designated place.

There were approximately 85,173 housing units on Hawai'i Island of which around 41,681 (48.9%) were owner-occupied.

In 2014, there were 4,811 building permits issued, the highest level since 2006.

### 8.1.1

## NUMBER AND VALUE OF BUILDING PERMITS HAWAI'I COUNTY

Year	Number Issued	Estimated Value (\$1,000)
2000	3,254	321,704
2001	3,288	380,249
2002	3,437	449,601
2003	4,219	620,634
2004	4,321	826,494
2005	5,436	1,008,386
2006	5,184	926,019
2007	4,580	912,529
2008	4,324	704,317
2009	2,990	309,165
2010	2,756	360,328
2011	2,603	282,638
2012	4,590	427,394
2013	4,320	443,739
2014	4,811	697,063

SOURCE: COMPILED FROM COUNTY BUILDING DEPARTMENTS BY THE HAWAI'I STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM.

### 8.1.2

## VALUE OF BUILDING PERMITS BY TYPE HAWAI'I COUNTY

*In thousands of dollars*

Category	2009	2010	2011	2012	2013	2014
Residential	188,733	233,166	187,439	192,286	194,776	386,390
Hotel	0	0	0	0	0	0
Non-residential	45,530	61,058	38,010	79,976	77,635	111,902
Additions and alterations	74,902	66,105	57,189	155,131	171,329	198,771

SOURCE: COMPILED FROM COUNTY BUILDING DEPARTMENTS BY THE HAWAI'I STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM.

### 8.1.3

## PRIVATE RESIDENTIAL CONSTRUCTION AUTHORIZATIONS HAWAI'I COUNTY

	2010	2011	2012	2013	2014
<b>Authorized Housing Units (number)</b>					
New single family units	660	582	571	729	806
New multi-family units	442	107	63	0	152
<b>Total</b>	<b>1,102</b>	<b>689</b>	<b>634</b>	<b>729</b>	<b>958</b>
<b>Permit Value (\$)</b>					
New single family units	204,825,455	147,659,046	167,759,545	203,175,577	376,324,660
New multi-family units	26,252,100	33,681,750	11,445,024	0	68,504,000
<b>Total</b>	<b>231,077,555</b>	<b>181,340,796</b>	<b>179,204,569</b>	<b>203,175,577</b>	<b>444,828,660</b>

SOURCE: U.S. CENSUS BUREAU, ANNUAL NEW PRIVATELY-OWNED RESIDENTIAL BUILDING PERMITS.

### 8.1.4

## PRIVATE RESIDENTIAL CONSTRUCTION AND DEMOLITION AUTHORIZED BY PERMITS, HAWAI'I COUNTY

Year	New Single Family Units	New Duplex Units	New Apartments	Units Demolished
2000	1,260	20	327	41 <sup>1</sup>
2001	1,129	22	236	40 <sup>1</sup>
2002	1,243	38	255	33 <sup>1</sup>
2003	1,932	44	413	35
2004	2,179	82	844	56
2005	2,698	156	615	57
2006	2,484	4	266	43
2007	1,852	8	307	62
2008	1,105	6	440	52
2009	694	2	58	44
2010	660	2	440	42
2011	581	2	105	43
2012	456	4	59	27
2013	735	2	0	35

1. FIGURES BASED ON THE 12-MONTH PERIOD ENDING MARCH 31 OF THE FOLLOWING YEAR. FOR EXAMPLE, 2002 DATA WAS BASED UPON THE 12-MONTH PERIOD ENDING MARCH 31, 2003.

NA NOT AVAILABLE.

SOURCE: COMPILED FROM COUNTY BUILDING DEPARTMENTS BY THE HAWAI'I STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM.

## 8.1.5

## LOW INCOME RENTAL HOUSING AFFORDABILITY BY COUNTY

	Hawai'i County	Honolulu County	Maui County	Kaua'i County	State
<b>Housing Wage</b>					
Hourly wage necessary to afford 2 bedroom FMR	\$22.13	\$34.81	\$24.31	\$23.50	\$31.61
<b>Housing Cost</b>					
2 bedroom FMR	\$1,151	\$1,810	\$1,264	\$1,222	\$1,644
Income needed to afford 2 bedroom FMR	\$46,040	\$72,400	\$50,560	\$48,880	\$65,746
Full-time jobs at minimum wage to afford 2 bedroom FMR	2.9	4.5	3.1	3.0	4.1
<b>Area Median Income (AMI)</b>					
Annual AMI	\$62,400	\$86,900	\$75,100	\$74,200	\$81,353
Rent affordable at AMI	\$1,560	\$2,173	\$1,878	\$1,855	\$2,034
30% of AMI	\$18,720	\$26,070	\$22,530	\$22,260	\$24,406
Rent affordable at 30% of AMI	\$468	\$652	\$563	\$557	\$610
<b>Renter Households</b>					
Number (2009-2013)	22,248	137,760	22,067	8,380	190,501
% of total households (2009-2013)	34%	44%	42%	37%	42%
Estimated mean renter hourly wage	\$11.14	\$15.19	\$13.66	\$13.52	\$14.49
Rent affordable at mean wage	\$579	\$790	\$710	\$703	\$753
Full time jobs at mean renter wage to afford 2 br FMR	2.0	2.3	1.8	1.7	2.2

FMR: FAIR MARKET RENT; CALCULATED BY THE U.S. DEPARTMENT OF HOUSING AND URBAN DEVELOPMENT.

SOURCE: NATIONAL LOW INCOME HOUSING COALITION, OUT OF REACH 2015.

### 8.1.6

## PLANNED ADDITIONS TO AND SUBTRACTIONS FROM HAWAII VISITOR INDUSTRY PLANT SUPPLY

Name of Facility	Planned Type	Planned Units	Estimated Completion
R Kevin Stafford	B&B	4	NA
Kona Castle Ranch	B&B	5	NA
James Stapleton and James Ricciuti	B&B	5	NA
Yuri Matsuoka	B&B	5	NA

NA: NOT AVAILABLE

SOURCE: HAWAII TOURISM AUTHORITY, VISITOR PLANT INVENTORY, 2015.

### 8.1.7

## AVERAGE ANNUAL WAGES FOR CONSTRUCTION INDUSTRIES HAWAII COUNTY, 2014

Industry	Number of Establishments	Number of Employees	Total Wages	Average Annual Wages
<b>Construction</b>	<b>516</b>	<b>3,505</b>	<b>\$195,175,755</b>	<b>\$55,685</b>
<b>Construction of Buildings</b>	<b>179</b>	<b>1,214</b>	<b>\$72,780,459</b>	<b>\$59,951</b>
Residential	153	673	\$31,082,913	\$46,186
Nonresidential	26	541	\$41,697,546	\$77,075
<b>Heavy and Civil Engineering Construction</b>	<b>43</b>	<b>479</b>	<b>\$31,506,170</b>	<b>\$65,775</b>
Land Subdivision	13	204	\$13,949,532	\$68,380
Highway, Street, and Bridge Construction	15	211	\$14,007,614	\$66,387
<b>Specialty Trade Contractors</b>	<b>294</b>	<b>1,811</b>	<b>\$90,889,126</b>	<b>\$50,187</b>
Building Foundation/Exterior Contractors	52	265	\$11,342,130	\$42,800
Building Equipment Contractors	119	780	\$43,345,498	\$55,571
Building Finishing Contractors	74	464	\$22,497,641	\$48,486
Other Specialty Trade Contractors	49	303	\$13,703,857	\$45,227

SOURCE: HAWAII STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, AND RECORDS.

## 8.1.8

# **BUILDING PERMITS ISSUED HAWAI'I COUNTY**

*In thousand dollars*

<b>Year</b>	<b>Private Building</b>	<b>Residential</b>	<b>Commercial &amp; Industrial</b>	<b>Additions &amp; Alterations</b>
2005	\$1,008,386	\$833,761	\$86,847	\$87,778
2006	926,019	714,307	126,013	85,698
2007	912,529	686,264	115,879	110,385
2008	704,317	434,312	107,683	162,322
2009	309,165	188,733	45,530	74,902
2010	360,328	233,166	61,058	66,105
2011	282,638	187,439	38,010	57,189
2012	427,394	192,286	79,976	155,131
2013	443,739	194,776	77,635	171,329
2014	697,063	386,390	111,902	198,771
2015	689,454	416,116	50,045	223,293

SOURCE: DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM, RESEARCH & ECONOMIC ANALYSIS, MONTHLY ECONOMIC INDICATORS.

## 8.1.9

## CONSTRUCTION ESTABLISHMENTS BY TYPE AND LOCATION HAWAI'I COUNTY

Establishment Type					
	Location	Number	Location	Number	Location Number
<b>Residential Building</b>					
	Captain Cook	2	Kamuela	11	Pa'auilo 1
	Hakalau	1	Kapa'au	1	Pāhoa 1
	Hawi	3	Kea'au	7	Pāpa'aloa 1
	Hilo	23	Kealakekua	1	Pāpa'ikou 1
	Hōlualoa	3	Kurtistown	1	Pepe'ekeo 2
	Honoka'a	2	Mountain View	2	Waikoloa 4
	Honomū	1	Nā'ālehu	1	
	Kailua-Kona	29	Ocean View	1	
<b>Nonresidential Building</b>					
	Hilo	7	Kea'au	1	Kamuela 3
	Hōlualoa	1	Kailua-Kona	1	Waikoloa 2
<b>Utility System Construction</b>					
	Hilo	2	Kamuela	1	
	Kailua-Kona	1	Kea'au	1	
<b>Land Subdivision</b>					
	Hawi	1	Kailua-Kona	2	
	Hilo	1	Kea'au	1	
<b>Heavy and Civil Engineering</b>					
	Hilo	1	Kealakekua	1	
	Kea'au	1	Ocean View	1	
<b>Foundation, Structure, and Building Exterior</b>					
	Hilo	5	Kamuela	3	Waikoloa 2
	Hōnaunau	2	Kea'au	6	
	Kailua-Kona	16	Mountain View	1	
<b>Building Equipment</b>					
	Captain Cook	1	Honoka'a	1	Kealakekua 2
	Hawi	1	Kailua-Kona	30	Kurtistown 1
	Hilo	29	Kamuela	6	Pāhoa 2
	Hōlualoa	5	Kapa'au	1	Waikoloa 6
	Hōnaunau	1	Kea'au	8	
<b>Building Finishing</b>					
	Captain Cook	1	Honoka'a	2	Kealakekua 1
	Hawi	1	Kailua-Kona	24	Kurtistown 2
	Hilo	16	Kamuela	5	Laupāhoehoe 1
	Hōlualoa	2	Kea'au	3	Waikoloa 4
<b>Other Specialty Trade Contractors</b>					
	Captain Cook	4	Laupāhoehoe	1	Kealakekua 1
	Hilo	11	Kailua-Kona	8	Kurtistown 2
	Hōlualoa	2	Kamuela	6	Nā'ālehu 1
	Honoka'a	2	Kapa'au	1	Pāhoa 3
	Honomū	1	Kea'au	5	

SOURCE: U.S. CENSUS BUREAU, ZIP CODE BUSINESS PATTERNS 2013.



## 8.2.1

## SUMMARY HOUSING CHARACTERISTICS HAWAI'I COUNTY, 2014

Characteristic	Number	Percent
<b>Total Housing Units</b>	<b>85,173</b>	
Median number of rooms	4.9	
<b>Occupied Housing Units</b>	<b>65,178</b>	<b>76.5%</b>
Structure built 1990 or later	37,638	44.2%
Structure built before 1940	3,334	3.9%
Lacking complete plumbing	641	1.0%
Lacking complete kitchen	838	1.3%
Lacking telephone service	1,024	1.6%
Moved into unit after 1999	41,945	64.3%
Moved into unit before 1980	6,407	9.8%
Occupants per room of 1.51 or more	1,909	2.9%
<b>Owner Occupied Units</b>	<b>41,681</b>	
Median value	\$304,600	
With a mortgage	24,426	58.6%
Median monthly costs	\$1,478	
Monthly costs were 35% or more of income	6,202	25.8%
Not mortgaged	17,255	41.4%
Median monthly costs	\$328	
<b>Renter Occupied Units</b>	<b>20,305</b>	
Median gross rent	\$1,094	
Rent was 35% or more of income	8,648	44.0%

SOURCE: U.S. CENSUS BUREAU, 2014 AMERICAN COMMUNITY SURVEY ONE-YEAR ESTIMATES.

## 8.2.2

## SELECTED HOUSING CHARACTERISTICS HAWAI'I COUNTY

Hawai'i County	2011	2012	2013	2014
<b>All Housing Units</b>	<b>83,183</b>	<b>83,969</b>	<b>84,457</b>	<b>85,713</b>
<b>Units in Structure</b>				
1 unit, detached	64,908	67,174	67,311	66,771
1 unit, attached	2,343	1,678	1,794	2,159
2 to 4 units	3,515	4,249	4,951	4,561
5 to 9 units	3,419	3,563	3,256	4,268
10 or more units	8,471	7,217	6,780	7,117
Mobile home, boat, other	385	88	365	297
Median number of rooms	4.7	4.8	4.9	4.9
<b>Occupied Housing Units</b>	<b>64,605</b>	<b>64,925</b>	<b>64,929</b>	<b>65,178</b>
With 1.01 or more occupants/room	7,245	5,445	4,298	3,908
<b>Vacant Housing Units</b>	<b>18,578</b>	<b>19,044</b>	<b>19,528</b>	<b>19,995</b>
For seasonal use	10,266	11,194	12,694	10,217
Homeowner vacancy rate	4.4%	1.8%	2.4%	1.7%
Rental vacancy rate	9.2%	10.0%	5.5%	8.8%
<b>Owner-Occupied Units</b>	<b>42,462</b>	<b>42,939</b>	<b>42,876</b>	<b>41,681</b>
Percent of all occupied units	65.7%	66.1%	66.0%	63.9%
Average household size	2.90	2.80	2.97	2.94
<b>Value of Owner Occupied Units</b>				
Total units	42,462	42,939	42,876	41,681
Less than \$100,000 unit value	3,827	2,778	3,563	2,736
\$100,000 to \$199,999	8,064	9,082	8,104	8,042
\$200,000 to \$299,999	10,230	9,830	10,843	9,651
\$300,000 to \$499,999	14,119	13,072	12,851	13,805
\$500,000 to \$999,999	5,151	6,517	6,335	5,575
\$1 million or more	1,071	1,660	1,180	1,872
Median value	<b>\$290,400</b>	<b>\$297,900</b>	<b>\$291,900</b>	<b>\$304,600</b>
<b>Renter-Occupied Units</b>	<b>22,143</b>	<b>21,986</b>	<b>22,053</b>	<b>23,497</b>
Average Household Size	2.72	3.00	2.75	2.91
<b>Gross Rent</b>				
Total renters	18,790	18,282	18,256	20,305
Less than \$300 rent	726	1,012	1,438	1,431
\$300 to \$499	1,390	1,009	1,350	1,129
\$500 to \$749	4,229	2,736	1,908	2,644
\$750 to \$999	3,669	3,933	4,220	3,349
\$1,000 to \$1,499	6,000	6,935	6,180	7,411
\$1,500 or more	2,776	2,657	3,160	4,341
No cash rent	3,353	3,704	3,797	3,192
Median rent	<b>\$920</b>	<b>\$1,027</b>	<b>\$1,017</b>	<b>\$1,094</b>

SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY ONE-YEAR ESTIMATES.

## 8.2.3

## HOUSING UNIT CHARACTERISTICS OF CENSUS DESIGNATED PLACES (CDP), HAWAII COUNTY

2014	Total Housing Units	Occupied Housing Units	Owner Occupied Units	Renter Occupied Units
Ainaloa CDP	1,308	1,143	817	326
Captain Cook CDP	1,526	1,332	936	396
Discovery Harbour CDP	666	514	328	186
Eden Roc CDP	376	257	174	83
Fern Acres CDP	642	518	392	126
Fern Forest CDP	391	305	239	66
Hala'ula CDP	160	139	68	71
Hawaiian Acres CDP	1,119	835	711	124
Hawaiian Beaches CDP	1,931	1,378	919	459
Hawaiian Ocean View CDP	2,597	1,552	1,269	283
Hawaiian Paradise Park CDP	4,660	4,221	2,883	1,338
Hawi CDP	413	381	301	80
Hilo CDP	17,534	15,091	9,676	5,415
Hōlualoa CDP	4,927	3,364	2,103	1,261
Honalo CDP	954	816	383	433
Hōnaunau-Nāpo'opo'o CDP	963	803	494	309
Honoka'a CDP	837	716	416	300
Honomū CDP	224	189	133	56
Kahalu'u-Keauhou CDP	2,760	1,399	868	531
Kailua CDP	5,610	4,143	2,049	2,094
Kalaoa CDP	4,206	3,599	2,474	1,125
Kapa'au CDP	670	501	341	160
Kea'au CDP	740	667	430	237
Kealakekua CDP	769	693	307	386
Kukuihaele CDP	124	103	83	20
Kurtistown CDP	408	360	255	105
Laupāhoehoe CDP	260	223	128	95
Leilani Estates CDP	862	745	566	179
Mountain View CDP	1,401	1,148	746	402
Nā'ālehu CDP	282	217	168	49
Nānāwale Estates CDP	713	602	404	198
Orchidlands Estates CDP	1,141	1,025	736	289
Pa'auilo CDP	233	210	167	43
Pāhala CDP	512	387	243	144
Pāhoa CDP	369	295	165	130
Pāpa'ikou CDP	444	392	281	111
Pauka'a CDP	214	191	159	32
Pepe'ekeo CDP	690	574	347	227
Puakō CDP	2,326	328	209	119
Volcano CDP	1,747	1,091	711	380
Waikoloa Village CDP	3,074	2,321	1,724	597
Waimea CDP	3,498	3,051	2,032	1,019
Wainaku CDP	501	450	343	107
Wai'ōhinu CDP	42	24	19	5

SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY 2010-2014.

## 8.2.4

### VACANT HOUSING UNIT CHARACTERISTICS BY CENSUS DESIGNATED PLACE (CDP), HAWAII COUNTY

2014	All Housing Units	Vacant Units	Seasonal, Recreational or Occasional	Homeowner Vacancy Rate	Rental Vacancy Rate
Ainaloa CDP	1,308	165	53	4.0	2.4
Captain Cook CDP	1,526	194	95	0.0	10.0
Discovery Harbour CDP	666	152	117	1.5	4.6
Eden Roc CDP	376	119	68	0.0	4.6
Fern Acres CDP	642	124	51	0.0	3.8
Fern Forest CDP	391	86	39	8.6	0.0
Hala'ula CDP	160	21	4	0.0	0.0
Hawaiian Acres CDP	1,119	284	159	4.0	7.9
Hawaiian Beaches CDP	1,931	553	177	6.6	22.7
Hawaiian Ocean View CDP	2,597	1,045	595	9.6	12.1
Hawaiian Paradise Park CDP	4,660	439	40	3.7	0.0
Hawi CDP	413	32	0	3.8	0.0
Hilo CDP	17,534	2,443	740	1.3	9.6
Hōlualoa CDP	4,927	1,563	1,352	0.0	3.4
Honalo CDP	954	138	32	5.9	0.0
Hōnaunau-Nāpo'opo'o CDP	963	160	100	3.1	7.5
Honoka'a CDP	837	121	45	4.3	4.3
Honomū CDP	224	35	10	0.0	13.8
Kahalu'u-Keauhou CDP	2,760	1,361	1,122	6.4	18.1
Kailua CDP	5,610	1,467	784	3.3	11.4
Kalaoa CDP	4,206	607	236	4.8	7.2
Kapa'au CDP	670	169	89	3.0	0.0
Kea'au CDP	740	73	10	2.0	0.0
Kealahou CDP	769	76	45	0.0	6.5
Kukuihaele CDP	124	21	8	4.6	0.0
Kurtistown CDP	408	48	12	8.6	0.0
Laupāhoehoe CDP	260	37	15	0.0	0.0
Leilani Estates CDP	862	117	50	0.7	0.0
Mountain View CDP	1,401	253	135	0.0	9.2
Nā'ālehu CDP	282	65	19	6.5	0.0
Nānāwale Estates CDP	713	111	37	2.5	0.0
Orchidlands Estates CDP	1,141	116	45	0.0	4.6
Pa'auilo CDP	233	23	0	0.0	0.0
Pāhala CDP	512	125	51	5.4	14.8
Pāhoa CDP	369	74	28	0.0	2.3
Pāpa'ikou CDP	444	52	8	3.4	19.0
Pauka'a CDP	214	23	8	0.0	5.3
Pepe'ekeo CDP	690	116	52	4.8	6.6
Puakō CDP	2,326	1,998	1,728	5.5	48.2
Volcano CDP	1,747	656	384	9.5	11.0
Waikoloa Village CDP	3,074	753	383	2.7	7.9
Waimea CDP	3,498	447	199	1.1	0.0
Wainaku CDP	501	51	9	6.3	8.5
Wai'ōhinu CDP	42	18	18	0.0	0.0

SOURCE: U.S. CENSUS BUREAU, 2010-2014 AMERICAN COMMUNITY SURVEY 5-YEAR ESTIMATES.

## 8.2.5

### OCCUPIED HOUSING UNIT CHARACTERISTICS BY CENSUS DESIGNATED PLACE (CDP), HAWAII COUNTY

2014	All Units	Occupied Housing Units			Average Household Size	
		Occupied	By Owner	By Renter	Owner Occupied	Renter Occupied
Ainaloa CDP	1,308	1,143	817	326	3.29	2.93
Captain Cook CDP	1,526	1,332	936	396	3.15	3.32
Discovery Harbour CDP	666	514	328	186	1.91	2.41
Eden Roc CDP	376	257	174	83	2.57	2.92
Fern Acres CDP	642	518	392	126	2.58	2.60
Fern Forest CDP	391	305	239	66	2.12	3.23
Hala'ula CDP	160	139	68	71	4.76	3.35
Hawaiian Acres CDP	1,119	835	711	124	2.63	2.27
Hawaiian Beaches CDP	1,931	1,378	919	459	2.96	3.81
Hawaiian Ocean View CDP	2,597	1,552	1,269	283	2.69	1.80
Hawaiian Paradise Park CDP	4,660	4,221	2,883	1,338	2.92	2.38
Hawi CDP	413	381	301	80	3.45	3.96
Hilo CDP	17,534	15,091	9,676	5,415	2.94	2.69
Hōlualoa CDP	4,927	3,364	2,103	1,261	2.62	2.85
Honalo CDP	954	816	383	433	2.57	4.17
Hōnaunau-Nāpo'opo'o CDP	963	803	494	309	4.01	2.61
Honoka'a CDP	837	716	416	300	3.83	2.95
Honomū CDP	224	189	133	56	2.42	1.55
Kahalu'u-Keauhou CDP	2,760	1,399	868	531	2.06	3.57
Kailua CDP	5,610	4,143	2,049	2,094	2.85	3.00
Kalaoa CDP	4,206	3,599	2,474	1,125	2.93	2.63
Kapa'au CDP	670	501	341	160	3.35	3.13
Kea'au CDP	740	667	430	237	4.03	3.27
Kealahou CDP	769	693	307	386	2.95	2.64
Kukuihaele CDP	124	103	83	20	3.40	5.70
Kurtistown CDP	408	360	255	105	2.75	2.58
Laupāhoehoe CDP	260	223	128	95	3.11	1.86
Leilani Estates CDP	862	745	566	179	2.48	1.82
Mountain View CDP	1,401	1,148	746	402	2.65	2.70
Nā'ālehu CDP	282	217	168	49	4.58	3.12
Nānāwale Estates CDP	713	602	404	198	2.54	3.20
Orchidlands Estates CDP	1,141	1,025	736	289	3.25	3.18
Pa'auilo CDP	233	210	167	43	3.24	2.56
Pāhala CDP	512	387	243	144	3.46	3.03
Pāhoa CDP	369	295	165	130	3.15	2.64
Pāpa'ikou CDP	444	392	281	111	2.76	3.77
Pauka'a CDP	214	191	159	32	2.33	2.88
Pepe'ekeo CDP	690	574	347	227	3.23	3.06
Puakō CDP	2,326	328	209	119	2.29	2.06
Volcano CDP	1,747	1,091	711	380	2.32	2.40
Waikoloa Village CDP	3,074	2,321	1,724	597	2.74	3.53
Waimea CDP	3,498	3,051	2,032	1,019	3.28	2.74
Wainaku CDP	501	450	343	107	3.16	3.19
Wai'ōhinu CDP	42	24	19	5	2.58	3.20

SOURCE: U.S. CENSUS BUREAU, 2010-2014 AMERICAN COMMUNITY SURVEY 5-YEAR ESTIMATES.

## 8.2.6

### OWNER-OCCUPIED HOUSING UNIT VALUES BY CENSUS DESIGNATED PLACE (CDP), HAWAII COUNTY

2014	Total	Less than \$100,000	\$100,000 to \$199,000	\$200,000 to \$299,999	\$300,000 to \$499,000	\$500,000 to \$999,000	\$1,000,000 or more
Ainaloa CDP	817	93	378	279	23	44	0
Captain Cook CDP	936	7	63	169	274	297	126
Discovery Harbour CDP	328	5	108	96	116	3	0
Eden Roc CDP	174	69	51	19	31	4	0
Fern Acres CDP	392	61	165	111	45	10	0
Fern Forest CDP	239	118	95	15	8	3	0
Hala'ula CDP	68	0	8	24	31	5	0
Hawaiian Acres CDP	711	189	194	202	103	23	0
Hawaiian Beaches CDP	919	173	378	231	137	0	0
Haw. Ocean View CDP	1,269	482	406	254	127	0	0
Haw. Paradise Park CDP	2,883	48	789	1,269	595	182	0
Hawi CDP	301	15	35	55	146	43	7
Hilo CDP	9,676	523	1,606	2,675	3,842	867	163
Hōlualoa CDP	2,103	82	178	233	827	527	256
Honalo CDP	383	30	74	81	69	126	3
Hōnaunau-Nāpo'opo'o CDP	494	24	48	70	147	157	48
Honoka'a CDP	416	0	38	126	213	39	0
Honomū CDP	133	18	39	28	31	17	0
Kahalu'u-Keauhou CDP	868	13	66	70	332	322	65
Kailua CDP	2,049	82	266	410	620	575	96
Kalaoa CDP	2,474	56	30	292	1,271	702	123
Kapa'au CDP	341	0	39	118	119	55	10
Kea'au CDP	430	17	92	107	146	68	0
Kealahou CDP	307	4	15	58	141	50	39
Kukuihaele CDP	83	12	28	4	22	12	5
Kurtistown CDP	255	9	82	81	65	18	0
Laupāhoehoe CDP	128	3	48	30	33	11	3
Leilani Estates CDP	566	78	207	191	72	10	8
Mountain View CDP	746	70	308	210	120	12	26
Nā'ālehu CDP	168	31	94	32	11	0	0
Nānāwale Estates CDP	404	88	188	108	10	4	6
Orchidlands Estates CDP	736	28	242	292	145	29	0
Pa'auilo CDP	167	16	76	50	18	5	2
Pāhala CDP	243	25	99	104	3	12	0
Pāhoa CDP	165	2	56	30	57	15	5
Pāpa'ikou CDP	281	36	65	100	51	29	0
Pauka'a CDP	159	9	20	36	37	43	14
Pepe'ekeo CDP	347	10	92	144	98	0	3
Puakō CDP	209	6	0	3	27	75	98
Volcano CDP	711	106	160	310	81	22	32
Waikoloa Village CDP	1,724	29	92	239	1,112	237	15
Waimea CDP	2,032	4	131	408	1,000	360	129
Wainaku CDP	343	55	82	57	60	85	4
Wai'ōhinu CDP	19	4	3	3	4	5	0

SOURCE: U.S. CENSUS BUREAU, 2010-2014 AMERICAN COMMUNITY SURVEY 5-YEAR ESTIMATES.

## 8.2.7

# **GROSS RENT AS A PERCENTAGE OF HOUSEHOLD INCOME BY CENSUS DESIGNATED PLACE (CDP), HAWAI'I COUNTY**

<b>2014</b>	<b>Total Rentals</b>	<b>Less than 20%</b>	<b>20% to 24.9%</b>	<b>25% to 29.9%</b>	<b>30% to 34.9 %</b>	<b>Over 35%</b>	<b>Not Computed</b>
Ainaloa CDP	258	74	13	26	6	139	68
Captain Cook CDP	367	24	68	15	6	254	29
Discovery Harbour CDP	115	55	12	0	0	48	71
Eden Roc CDP	49	13	5	5	0	26	34
Fern Acres CDP	112	0	41	21	0	50	14
Fern Forest CDP	39	15	5	5	0	14	27
Hala'ula CDP	66	19	4	11	6	26	5
Hawaiian Acres CDP	94	0	0	14	37	43	30
Hawaiian Beaches CDP	403	53	29	15	21	285	56
Haw. Ocean View CDP	207	42	0	0	10	155	76
Haw. Paradise Park CDP	692	59	46	46	90	451	646
Hawi CDP	67	23	6	0	0	39	12
Hilo CDP	4,738	882	554	447	431	2,424	677
Hōlualoa CDP	1,223	192	270	61	178	522	38
Honalo CDP	369	163	34	50	27	95	64
Hōnaunau-Nāpo'opo'o CDP	232	105	29	6	11	81	77
Honoka'a CDP	280	65	46	13	17	139	20
Honomū CDP	41	0	8	0	3	30	15
Kahalu'u-Keauhou CDP	517	142	69	38	57	211	14
Kailua CDP	1,972	507	330	174	149	812	122
Kalaoa CDP	1,000	62	197	73	25	643	125
Kapa'au CDP	145	11	38	4	24	68	15
Kea'au CDP	173	43	11	32	22	65	64
Kealahou CDP	363	106	64	27	31	135	23
Kukuihaele CDP	20	0	0	0	6	14	0
Kurtistown CDP	49	26	10	0	0	13	56
Laupāhoehoe CDP	88	19	0	0	0	69	7
Leilani Estates CDP	122	11	0	14	7	90	57
Mountain View CDP	172	44	0	24	0	104	230
Nā'ālehu CDP	33	0	0	7	0	26	16
Nānāwale Estates CDP	138	29	0	20	10	79	60
Orchidlands Estates CDP	150	61	0	10	0	79	139
Pa'auilo CDP	34	5	10	0	0	19	9
Pāhala CDP	125	39	8	12	9	57	19
Pāhoa CDP	87	32	0	0	13	42	43
Pāpa'ikou CDP	85	23	0	0	19	43	26
Pauka'a CDP	29	12	1	1	1	14	3
Pepe'ekeo CDP	210	44	3	25	44	94	17
Puakō CDP	106	30	14	0	3	59	13
Volcano CDP	320	145	0	0	0	175	60
Waikoloa Village CDP	582	138	106	49	56	233	15
Waimea CDP	737	106	167	25	56	383	282
Wainaku CDP	89	10	3	0	23	53	18
Wai'ōhinu CDP	4	0	2	2	0	0	1

SOURCE: U.S. CENSUS BUREAU, 2010-2014 AMERICAN COMMUNITY SURVEY 5-YEAR ESTIMATES.

## 8.2.8

# **GROSS RENT OF RENTER-OCCUPIED HOUSING UNITS BY CENSUS DESIGNATED PLACE (CDP), HAWAI'I COUNTY**

<b>2014</b>	<b>Total Rentals</b>	<b>Less than \$300<sup>1</sup></b>	<b>\$300 to \$499</b>	<b>\$500 to \$749</b>	<b>\$750 to \$999</b>	<b>\$1,000 to \$1,499</b>	<b>\$1,500 or more</b>
Ainaloa CDP	281	45	25	40	92	124	0
Captain Cook CDP	367	50	4	26	51	92	173
Discovery Harbour CDP	120	71	12	51	17	35	0
Eden Roc CDP	49	39	0	33	5	0	6
Fern Acres CDP	112	21	12	30	21	32	10
Fern Forest CDP	47	25	0	25	8	8	0
Hala'ula CDP	66	5	6	9	19	14	18
Hawaiian Acres CDP	94	30	15	22	19	38	0
Hawaiian Beaches CDP	409	101	0	28	50	220	60
Haw. Ocean View CDP	221	62	38	111	0	72	0
Haw. Paradise Park CDP	801	537	0	55	161	396	189
Hawi CDP	68	12	0	4	3	34	27
Hilo CDP	4,898	952	480	884	1,244	1,493	362
Hōlualoa CDP	1,223	38	28	61	275	376	483
Honalo CDP	371	67	6	13	60	193	94
Hōnaunau-Nāpo'opo'o CDP	232	110	24	30	18	63	64
Honoka'a CDP	280	47	11	43	67	102	30
Honomū CDP	41	15	0	0	0	41	0
Kahalu'u-Keauhou CDP	517	14	54	60	62	144	197
Kailua CDP	1,972	257	172	143	524	678	320
Kalaoa CDP	1,055	80	30	88	177	292	458
Kapa'au CDP	145	33	14	0	9	78	26
Kea'au CDP	189	76	6	18	35	62	40
Kealahou CDP	363	77	27	77	48	58	99
Kukuihaele CDP	20	0	4	0	2	4	10
Kurtistown CDP	49	56	2	12	17	18	0
Laupāhoehoe CDP	88	7	7	6	62	7	6
Leilani Estates CDP	122	57	11	34	26	35	16
Mountain View CDP	263	139	70	53	0	140	0
Nā'ālehu CDP	33	16	6	9	18	0	0
Nānāwale Estates CDP	155	59	6	26	38	51	18
Orchidlands Estates CDP	156	144	10	30	39	66	0
Pa'auilo CDP	34	9	0	15	17	2	0
Pāhala CDP	125	39	0	48	47	0	10
Pāhoa CDP	94	36	23	23	36	12	0
Pāpa'ikou CDP	85	26	9	8	17	42	9
Pauka'a CDP	29	3	0	1	13	9	6
Pepe'ekeo CDP	212	68	69	28	20	24	18
Puakō CDP	106	13	6	0	0	21	79
Volcano CDP	320	60	26	50	11	233	0
Waikoloa Village CDP	582	15	0	43	89	179	271
Waimea CDP	737	356	0	19	66	123	455
Wainaku CDP	89	18	4	15	21	31	18
Wai'ōhinu CDP	4	1	0	4	0	0	0

1. INCLUDES NO CASH RENT.

SOURCE: U.S. CENSUS BUREAU, 2010-2014 AMERICAN COMMUNITY SURVEY 5-YEAR ESTIMATES.



## 8.2.9

### SELECTED MONTHLY OWNER AND RENTER COST AS A PERCENTAGE OF HOUSEHOLD INCOME, HAWAII COUNTY

	2011	2012	2013	2014
<b>Owner</b>				
Housing units with a mortgage	26,415	25,996	26,330	25,969
Less than 20% of income	7,008	6,596	6,594	6,667
20% to 24.9%	3,196	3,313	3,550	3,964
25% to 29.9%	2,880	2,736	2,844	3,024
30% to 34.9%	2,321	2,327	2,416	2,182
35% or more	11,010	11,024	10,926	10,132
Not computed	171	225	208	303
Median mortgage (dollars)	\$1,778	\$1,760	\$1,729	\$1,692
<b>Renter</b>				
Renter-occupied units	18,525	18,829	18,358	18,161
Less than 15% of income	2,028	2,166	2,051	1,848
15% to 19.9%	2,249	2,145	1,879	1,908
20% to 24.9%	2,169	2,337	2,423	2,428
25% to 29.9%	2,002	1,908	1,506	1,472
30% to 34.9%	1,649	1,432	1,532	1,551
35% or more	8,428	8,841	8,967	8,954
Not computed	3,411	3,685	3,890	3,940
Median rent (dollars)	\$1,043	\$1,044	\$1,049	\$1,039

SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY, SELECTED HOUSING CHARACTERISTICS.

## 8.2.10

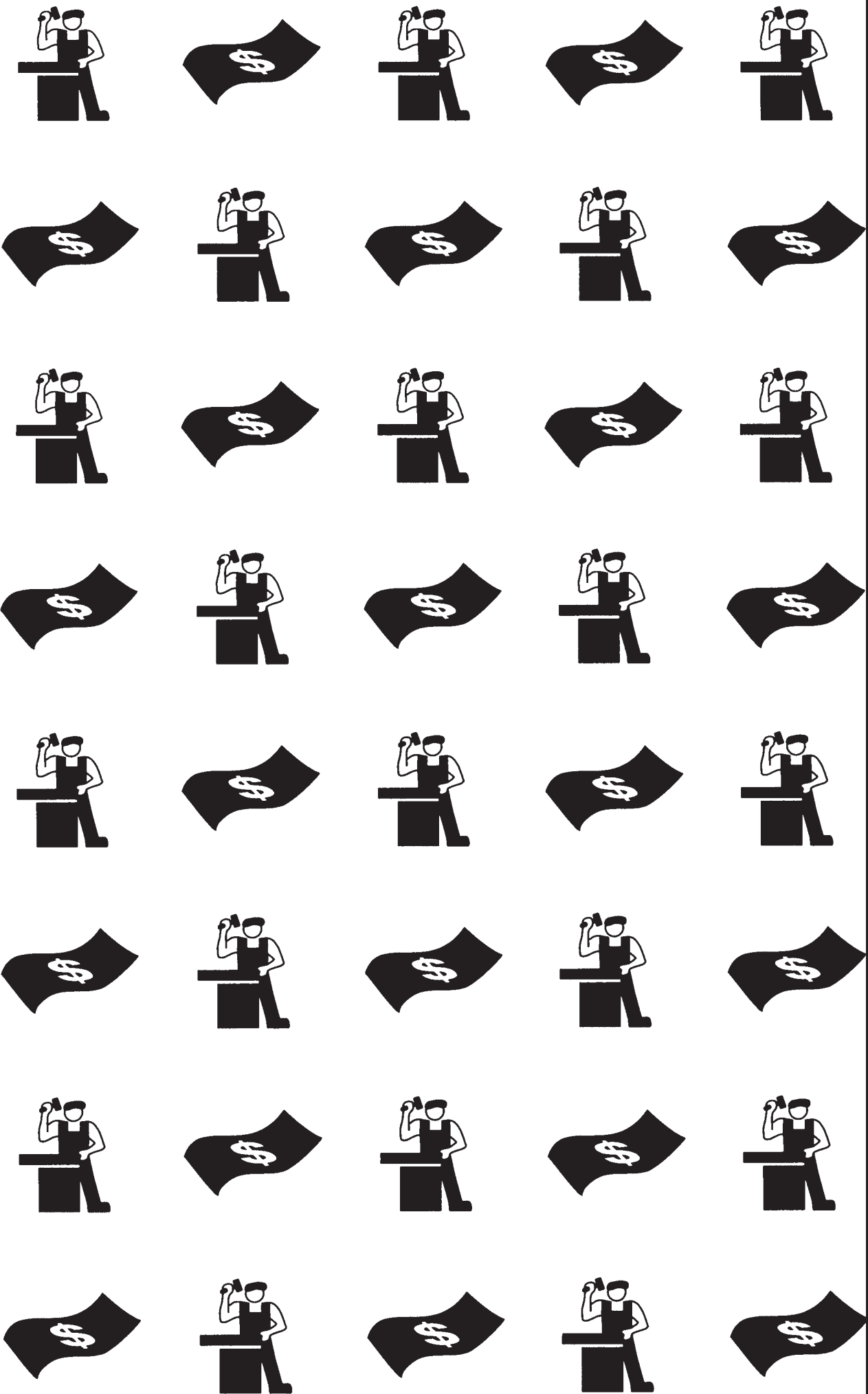
### FORECLOSURE FILINGS BY JUDICIAL CIRCUIT

Year	Hawai'i County	Maui County <sup>1</sup>	Kaua'i County	City and County of Honolulu <sup>1</sup>	State Total
1995	293	317	143	1,204	1,957
1996	352	464	156	1,828	2,800
1997	362	421	160	2,205	3,148
1998	359	422	183	2,662	3,626
1999	339	324	136	2,135	2,934
2000	251	228	83	1,591	2,153
2001	246	197	80	1,390	1,913
2002	151	110	63	624	948
2003	112	78	35	396	621
2004	80	51	23	283	437
2005	51	47	12	198	308
2006	105	59	23	266	453
2007	188	101	34	395	718
2008	359	254	84	666	1,363
2009	488	386	140	786	1,800
2010	316	280	93	611	1,300
2011	750	571	165	1,171	2,657
2012	860	678	145	1,505	3,188
2013	961	728	229	1,504	3,422
2014	543	397	118	1,026	2,084

1. THE MAUI COUNTY JUDICIAL CIRCUIT EXCLUDES KALAWAO ON MOLOKA'I. KALAWAO FORECLOSURES ARE HANDLED IN THE HONOLULU JUDICIAL CIRCUIT.

SOURCE: THE JUDICIARY, OFFICE OF THE ADMINISTRATIVE DIRECTOR OF THE COURTS, STATISTICS OFFICE.

# Finance & Labor



## Section 9

### FINANCE & LABOR

Part one of this section presents statistics on the financial institutions on Hawai'i Island. Part two includes figures for Hawai'i County's labor force.

The civilian labor force for 2015 was 87,050 and the number of employed was 83,000. The unemployment rate has continuously decreased since 2009 to reach 4.6% in 2015, the lowest level since 2007. In all the counties in the state, unemployment rates were under 5% in 2015.

Data for this section came from many sources, including the Hawai'i State Department of Business, Economic Development and Tourism and the Hawai'i Department of Industrial Labor and Relations.

### 9.1.1

## FINANCIAL INSTITUTIONS WITH LOCATIONS IN HAWAII COUNTY

*As of December 31, 2015*

<b>Banks</b>	
Firms	4
Locations	23
<b>Savings and Loan Associations</b>	
Associations	1
Locations	2
<b>Financial Services Loan Companies</b>	
Firms	2
Locations	5
<b>Escrow Depository Companies</b>	
Firms	4
Locations	8

SOURCE: HAWAII STATE DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS, DIVISION OF FINANCIAL INSTITUTIONS.

### 9.1.2

## DEPOSITS IN OFFICES OF FDIC-INSURED INSTITUTIONS HAWAII COUNTY

*As of June 30; In thousands of dollars*

Location	2011	2012	2013	2014	2015
Hilo	1,022,469	1,086,380	1,150,843	1,207,752	1,255,118
Honoka'a	54,905	56,475	58,391	58,734	62,911
Kailua Kona	478,861	522,742	558,643	612,454	690,179
Kamuela	205,173	260,794	269,403	288,905	312,754
Kapa'au	28,133	0	0	0	0
Kealahou	130,486	137,434	147,341	156,406	166,030
Pāhala	22,145	22,601	21,775	22,061	24,055
Pāhoa	37,816	40,505	46,867	50,073	55,317
Waikoloa	51,154	53,411	57,034	76,599	79,980
<b>Total</b>	<b>\$2,031,142</b>	<b>\$2,180,342</b>	<b>\$2,310,297</b>	<b>\$2,472,984</b>	<b>\$2,646,344</b>

SOURCE: FEDERAL DEPOSIT INSURANCE CORPORATION, FDIC/OTS SUMMARY OF DEPOSITS.

### 9.1.3

## FEDERAL CREDIT UNIONS BY ASSET SIZE, MEMBERSHIP AND LOANS, HAWAI'I COUNTY

*As of December 31, 2015*

Name	Location	Assets (\$)	Loans (\$)	Members
Big Island	Hilo	\$88,396,803	\$42,648,802	9,119
CU Hawaii	Hilo	\$256,876,428	\$110,960,528	26,358
Hawai'i County Employees	Hilo	\$84,387,913	\$28,490,387	6,111
Helco	Hilo	\$40,027,115	\$17,235,690	1,738
HFS	Hilo	\$502,867,058	\$190,095,245	48,642
Independent Employers Group <sup>1</sup>	Hilo	\$20,995,009	\$8,374,718	2,735
North Hawai'i Community <sup>2</sup>	Honoka'a	\$16,928,596	\$7,614,657	2,739
Hawaii Community	Kailua Kona	\$444,833,990	\$240,376,030	40,479
Hawaii First	Kamuela	\$35,741,338	\$25,626,784	7,634
Onomea	Pāpa'ikou	\$16,426,730	\$5,556,770	1,854
Hāmākua Coast Community	Pepe'ekeo	\$15,114,315	\$5,006,338	1,844
<b>Hawai'i County Total</b>		<b>\$1,484,671,690</b>	<b>\$665,996,574</b>	<b>143,779</b>

1. AS OF SEPTEMBER 30, 2015. MERGER BETWEEN IEG FEDERAL CREDIT UNION AND HAWAIIUSA FEDERAL CREDIT UNION ON DECEMBER 1, 2015.

2. AS OF SEPTEMBER 30, 2015. MERGER BETWEEN NORTH HAWAI'I COMMUNITY AND HFS ON OCTOBER 1, 2015.

SOURCE: NATIONAL CREDIT UNION ADMINISTRATION, FINANCIAL PERFORMANCE REPORTS.

### 9.1.4

## FEDERAL CREDIT UNION CHARACTERISTICS HAWAI'I COUNTY

	2012	2013	2014	2015
Number of credit unions	11	11	11	10
Total members	144,569	146,084	145,306	143,779
Total assets	\$1,334,107,116	\$1,378,415,459	\$1,431,868,338	\$1,484,671,690
Total shares and deposits	\$1,181,416,161	\$1,221,638,044	\$1,266,311,332	\$1,315,648,601
Number of shares & deposit accounts	245,992	245,048	248,209	245,851
Total loans	\$585,874,788	\$585,163,732	\$606,562,417	\$665,996,574
Number of loans	47,196	47,316	46,727	58,756

SOURCE: NATIONAL CREDIT UNION ADMINISTRATION, CALL REPORT DATA FILES.

## 9.2.1

### CIVILIAN LABOR FORCE SUMMARY STATE OF HAWAII AND COUNTIES

*Annual averages. Not seasonally adjusted.*

*Data rounded to nearest 50, except percent employed which is rounded to 0.1 percent.*

	Hawai'i	Maui	Kaua'i	Honolulu	State
<b>Labor Force</b>					
2008	84,900	78,250	32,650	443,900	639,700
2009	83,900	76,050	32,000	439,750	631,700
2010	87,750	78,950	34,300	446,200	647,250
2011	88,650	80,500	34,900	456,100	660,150
2012	86,200	79,250	33,900	448,600	648,000
2013	86,100	79,850	33,950	451,250	651,100
2014	87,350	82,650	34,600	463,550	668,200
2015	87,050	83,850	34,500	470,900	676,300
<b>Employed</b>					
2008	79,800	74,400	31,100	426,850	612,100
2009	75,350	69,100	28,850	413,200	586,500
2010	79,100	72,200	31,300	419,650	602,300
2011	79,950	74,100	31,850	429,250	615,100
2012	79,050	74,200	31,450	424,450	609,100
2013	80,400	75,750	32,050	431,350	619,550
2014	82,500	78,900	32,950	444,700	639,000
2015	83,000	80,650	33,050	454,650	651,350
<b>Unemployed</b>					
2008	5,100	3,800	1,600	17,100	27,550
2009	8,550	6,950	3,150	26,550	45,150
2010	8,650	6,750	3,000	26,550	44,950
2011	8,750	6,400	3,050	26,850	45,000
2012	7,150	5,100	2,500	24,200	38,950
2013	5,700	4,100	1,900	19,900	31,550
2014	4,850	3,750	1,700	18,900	29,150
2015	4,050	3,200	1,450	16,250	25,000
<b>Percent Unemployed</b>					
2008	6.0	4.9	4.8	3.8	4.3
2009	10.2	9.1	9.8	6.0	7.2
2010	9.9	8.5	8.8	6.0	6.9
2011	9.9	7.9	8.7	5.9	6.8
2012	8.3	6.4	7.3	5.4	6.0
2013	6.6	5.1	5.6	4.4	4.8
2014	5.5	4.5	4.9	4.1	4.4
2015	4.6	3.8	4.2	3.5	3.7

1. IN MARCH 2015, 1976 TO 2014 WERE RE-ESTIMATED USING A NEW GENERATION OF TIME SERIES MODELS. DATA FOR 2010 TO 2014 HAVE BEEN BENCHMARKED AND REFLECT REVISED INPUTS.

SOURCE: HAWAII STATE DEPARTMENT OF LABOR & INDUSTRIAL RELATIONS, CURRENT AND HISTORICAL LABOR FORCE ESTIMATES AND UNEMPLOYMENT RATES.

### 9.2.2

## EMPLOYMENT STATUS OF THE CIVILIAN LABOR FORCE HAWAI'I COUNTY

### Hawai'i County

#### Labor Force

1997	69,400
1998	69,350
1999	70,500
2000	73,900
2001	75,750
2002	75,450
2003	76,750
2004	78,350
2005	80,750
2006	83,850
2007	84,800
2008	84,900
2009	83,900
2010	87,750
2011	88,650
2012	86,200
2013	86,100
2014	87,350
2015	87,050

#### Employment

1997	62,500
1998	62,850
1999	64,550
2000	70,150
2001	71,750
2002	71,850
2003	73,000
2004	75,150
2005	78,000
2006	81,200
2007	81,750
2008	79,800
2009	75,350
2010	79,100
2011	79,950
2012	79,050
2013	80,400
2014	82,500
2015	83,000



## 9.2.2

### CONTINUED

#### Hawai'i County

##### Unemployment

1997	6,900
1998	6,500
1999	5,900
2000	3,700
2001	4,000
2002	3,600
2003	3,800
2004	3,200
2005	2,800
2006	2,600
2007	3,000
2008	5,100
2009	8,550
2010	8,650
2011	8,750
2012	7,150
2013	5,700
2014	4,850
2015	4,050

##### Percent Unemployed

1997	9.9
1998	9.4
1999	8.4
2000	5.0
2001	5.3
2002	4.8
2003	4.9
2004	4.1
2005	3.4
2006	3.1
2007	3.6
2008	6.0
2009	10.2
2010	9.9
2011	9.9
2012	8.3
2013	6.6
2014	5.5
2015	4.6

IN MARCH 2015, 1976 TO 2014 WERE RE-ESTIMATED USING A NEW GENERATION OF TIME SERIES MODELS.

DATA FOR 2010 TO 2014 HAVE BEEN BENCHMARKED AND REFLECT REVISED INPUTS. DATA ROUNDED TO NEAREST 50, EXCEPT PERCENT EMPLOYED WHICH IS ROUNDED TO 0.1 PERCENT. NOT SEASONALLY ADJUSTED.

SOURCE: HAWAII STATE DEPARTMENT OF LABOR & INDUSTRIAL RELATIONS, CURRENT AND HISTORICAL LABOR FORCE ESTIMATES AND UNEMPLOYMENT RATES.

### 9.2.3

## LABOR FORCE BY RACE AND SEX HAWAI'I COUNTY

Race and Sex, 2014	Percent Distribution						
	Civilian Labor Force	Employed	Unemployed	Civilian Labor Force	Employed	Unemployed	Unemployment Rate
<b>Both Sexes</b>	<b>87,350</b>	<b>82,500</b>	<b>4,850</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>5.5%</b>
White	33,000	31,100	1,850	37.8%	37.7%	38.7%	5.7%
Black/African American	550	550	50	0.7%	0.7%	0.6%	4.7%
American Indian/ Alaska Native	250	250	0	0.3%	0.3%	0.0%	0.0%
Asian	24,200	23,400	750	27.7%	28.4%	15.8%	3.2%
Native Hawaiian/ Pacific Islander	10,150	9,450	700	11.6%	11.5%	14.1%	6.7%
Some Other Race	1,350	1,200	150	1.6%	1.4%	3.5%	12.4%
Two or More Races	17,850	16,500	1,350	20.4%	20.0%	27.4%	7.4%
Hispanic or Latino	9,250	8,400	850	10.6%	10.2%	17.5%	9.1%
Minority Group	63,600	59,800	3,800	65.8%	65.8%	67.1%	6.0%
<b>Females</b>	<b>41,900</b>	<b>40,050</b>	<b>1,850</b>	<b>100.0%</b>	<b>100.0%</b>	<b>100.0%</b>	<b>4.4%</b>
White	15,000	14,400	600	35.9%	36.0%	33.3%	4.1%
Black/African American	200	200	0	0.5%	0.5%	0.0%	0.0%
American Indian/ Alaska Native	150	150	0	0.3%	0.3%	0.0%	0.0%
Asian	12,100	11,750	350	28.9%	29.3%	19.5%	3.0%
Native Hawaiian/ Pacific Islander	4,850	4,650	200	11.6%	11.6%	10.4%	3.9%
Some Other Race	650	650	50	1.6%	1.6%	2.0%	5.4%
Two or More Races	8,900	8,300	650	21.3%	20.7%	34.8%	7.2%
Hispanic or Latino	4,600	4,250	350	11.0%	10.6%	18.5%	7.4%
Minority Group	31,450	29,900	1,550	67.7%	67.5%	71.9%	5.0%
Females as % of both sexes	48.0%	48.5%	38.0%	-----	-----	-----	-----

NOTE: TOTALS MAY NOT ADD DUE TO ROUNDING.

SOURCE: STATE OF HAWAI'I, DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS,  
ESTIMATES FROM 2014 ANNUAL LOCAL AREA UNEMPLOYMENT STATISTICS (LAUS), BASED ON CENSUS 2006-2010 (5-YR ACS DATA).

9.2.4

**ANNUAL AVERAGE JOB COUNT  
BY INDUSTRY, HAWAI'I COUNTY**

<b>Industry, 2015</b>	<b>Hawai'i County</b>
<b>TOTAL NONAGRICULTURAL - Wage &amp; Salary Jobs</b>	<b>65,400</b>
<b>Total Private</b>	<b>52,200</b>
<b>Goods Producing</b>	<b>5,000</b>
<b>Natural Resources &amp; Mining &amp; Construction</b>	<b>3,900</b>
Special Trade Contractors	1,900
<b>Manufacturing</b>	<b>1,100</b>
Durable Goods	200
Non-Durable Goods	900
<b>Service-Providing</b>	<b>60,400</b>
<b>Private Service-Providing</b>	<b>47,200</b>
<b>Trade, Transportation &amp; Utilities</b>	<b>13,800</b>
Wholesale Trade	1,700
Retail Trade	9,000
Food & Beverage Stores	2,300
Grocery Stores	2,100
Clothing & Clothing Accessories Stores	600
General Merchandise	2,300
Department Stores	1,700
Transportation, Warehousing & Utilities	3,100
Air Transportation	600
<b>Information</b>	<b>600</b>
Telecommunications	300
<b>Financial Activities</b>	<b>2,700</b>
Finance & Insurance	1,200
<b>Professional &amp; Business Services</b>	<b>6,200</b>
Professional, Scientific & Tech. Svcs.	1,500
Management & Remediation Services	4,400
<b>Education &amp; Health Services</b>	<b>8,300</b>
Education Services	1,200
Health Care & Social Assistance	7,100
<b>Leisure and Hospitality</b>	<b>13,700</b>
Accommodation & Food Services	12,400
Accommodation	6,200
Food Services and Drinking Places	6,200
Full-Service Restaurants	3,600
<b>Other Services</b>	<b>1,900</b>
<b>Government</b>	<b>13,200</b>
Federal Government	1,300
Department of Defense	100
State Government	9,200
State Education (DOE & UH)	5,600
Local Government	2,700

DATA ROUNDED TO NEAREST 100. TOTALS MAY NOT ADD DUE TO ROUNDING OR RESIDUAL CATEGORIES.

NOT SEASONALLY ADJUSTED.

NA: NOT AVAILABLE.

SOURCE: HAWAI'I STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS.

## 9.2.5

### MEAN ANNUAL WAGE FOR THE TOP 10 MOST COMMON OCCUPATIONS, HAWAI'I COUNTY

2014 Rank	Occupation	Estimated Employees	Annual Mean Wage	Statewide Annual Wage
1	Retail Salespersons	2,220	\$29,220	\$25,770
2	Waiters and Waitresses	1,890	\$31,870	\$31,660
3	Janitors and Cleaners (except Maids)	1,580	\$27,700	\$25,980
4	Cashiers	1,490	\$23,770	\$23,210
5	Landscaping and Groundskeeping Workers	1,480	\$32,520	\$31,000
6	Office Clerks, General	1,430	\$29,410	\$31,790
7	Maids and Housekeeping Cleaners	1,370	\$32,510	\$32,450
8	Combined Food Preparation and Serving Workers, Including Fast Food	1,350	\$19,490	\$20,340
9	Stock Clerks and Order Fillers	1,290	\$28,530	\$27,960
10	Registered Nurses	1,140	\$80,110	\$88,230

STATE OF HAWAI'I DATA IS FROM THE BUREAU OF LABOR STATISTICS (BLS) AND THE COUNTY DATA IS FROM THE LOCAL EMPLOYMENT AND WAGE INFORMATION SYSTEM (LEWIS).

SOURCE: HAWAI'I STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, RESEARCH AND STATISTICS OFFICE, SEPTEMBER 2015.

## 9.2.6

### INCOME FOR HOUSEHOLDS AND FAMILIES HAWAI'I COUNTY

Income (in Inflation-Adjusted Dollars)	2013		2014	
	Households	Families	Households	Families
Total number	64,929	42,966	65,178	42,855
Less than \$10,000	7,675	2,917	6,561	2,526
\$10,000 to \$14,999	3,208	1,415	4,009	1,468
\$15,000 to \$24,999	8,901	4,897	7,100	2,682
\$25,000 to \$34,999	5,950	4,155	4,871	3,956
\$35,000 to \$49,999	7,075	4,910	7,668	5,137
\$50,000 to \$74,999	12,634	9,462	13,846	10,675
\$75,000 to \$99,999	7,568	5,405	7,432	5,094
\$100,000 to \$149,999	7,901	6,492	8,820	7,303
\$150,000 to \$199,999	2,400	2,054	2,476	1,770
\$200,000 or more	1,617	1,259	2,395	2,244
Median income	\$48,399	\$56,131	\$52,788	\$61,401
Mean income	\$62,583	\$69,895	\$69,436	\$82,446

SOURCE: U.S. CENSUS BUREAU, 2013 AND 2014 AMERICAN COMMUNITY SURVEY.

## 9.2.7

## LONG TERM INDUSTRY EMPLOYMENT PROJECTIONS HAWAII COUNTY

Occupation	Employment		Number Change	Percent Change	Annual Growth
	2012	2022			
<b>Total Employment, All Jobs</b>	<b>70,540</b>	<b>78,800</b>	<b>8,250</b>	<b>11.7%</b>	<b>1.2%</b>
<b>Goods Producing</b>	<b>6,400</b>	<b>7,540</b>	<b>1,140</b>	<b>17.8%</b>	<b>1.8%</b>
<b>Natural Resources &amp; Mining</b>	<b>2,160</b>	<b>2,190</b>	<b>30</b>	<b>1.3%</b>	<b>0.1%</b>
Agriculture, Forestry, Fishing & Hunting	2,140	2,160	30	1.2%	0.1%
<b>Construction</b>	<b>3,000</b>	<b>3,960</b>	<b>960</b>	<b>32.2%</b>	<b>3.2%</b>
<b>Manufacturing</b>	<b>1,250</b>	<b>1,390</b>	<b>150</b>	<b>11.7%</b>	<b>1.2%</b>
<b>Service Providing</b>	<b>57,170</b>	<b>63,860</b>	<b>6,690</b>	<b>11.7%</b>	<b>1.2%</b>
<b>Trade, Transportation, &amp; Utilities</b>	<b>13,120</b>	<b>14,480</b>	<b>1,360</b>	<b>10.4%</b>	<b>1.0%</b>
Wholesale Trade	1,560	1,740	180	11.8%	1.2%
Retail Trade	8,830	9,620	790	8.9%	0.9%
Transportation & Warehousing	2,190	2,560	370	16.7%	1.7%
Utilities	540	560	20	4.5%	0.4%
<b>Information</b>	<b>600</b>	<b>580</b>	<b>-10</b>	<b>-2.2%</b>	<b>-0.2%</b>
<b>Financial Activities</b>	<b>2,700</b>	<b>2,950</b>	<b>250</b>	<b>9.3%</b>	<b>0.9%</b>
Finance & Insurance	1,070	1,150	80	7.9%	0.8%
Real Estate & Rental & Leasing	1,640	1,800	170	10.2%	1.0%
<b>Professional &amp; Business Services</b>	<b>5,570</b>	<b>6,740</b>	<b>1,180</b>	<b>21.1%</b>	<b>2.1%</b>
Professional, Scientific, & Technical Services	1,440	1,630	190	13.3%	1.3%
Management of Companies & Enterprises	230	260	40	16.4%	1.6%
Administrative & Support & Waste Management	3,900	4,850	950	24.3%	2.4%
<b>Education &amp; Health Services</b>	<b>14,600</b>	<b>17,000</b>	<b>2,400</b>	<b>16.4%</b>	<b>1.6%</b>
Educational Services	6,260	6,780	510	8.2%	0.8%
Health Care & Social Assistance	8,340	10,230	1,890	22.6%	2.3%
<b>Leisure &amp; Hospitality</b>	<b>12,810</b>	<b>14,080</b>	<b>1,270</b>	<b>9.9%</b>	<b>1.0%</b>
Arts, Entertainment, & Recreation	1,690	1,910	220	13.1%	1.3%
Accommodation & Food Services	11,110	12,160	1,050	9.4%	0.9%
Accommodation	5,490	6,040	550	10.0%	1.0%
Food Services & Drinking Places	5,620	6,120	500	8.9%	0.9%
<b>Other Services (Except Government)</b>	<b>1,860</b>	<b>2,090</b>	<b>230</b>	<b>12.2%</b>	<b>1.2%</b>
<b>Government<sup>1</sup></b>	<b>5,920</b>	<b>5,940</b>	<b>30</b>	<b>0.4%</b>	<b>0.0%</b>
<b>Total Self-Employed &amp; Unpaid Family Workers</b>	<b>6,970</b>	<b>7,390</b>	<b>420</b>	<b>6.0%</b>	<b>0.6%</b>

1. STATE EDUCATION AND HOSPITALS ARE EXCLUDED FROM GOVERNMENT AND INCLUDED IN EDUCATION AND HEALTH SERVICES.

NOTE: TOTALS MAY NOT ADD DUE TO ROUNDING TO THE NEAREST TEN.

SOURCE: STATE OF HAWAII, DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, RESEARCH AND STATISTICS OFFICE.

### 9.3.1

## CHARACTERISTICS OF THE INSURED UNEMPLOYED IN HAWAI'I COUNTY, 2015

*All Claimants*

Characteristic	Annual Average	% of Total
<b>Total</b>	<b>1,204</b>	<b>100.0</b>
<b>Gender</b>		
Male	685	56.9
Female	519	43.1
<b>Industry</b>		
State	74	6.1
County	10	0.8
Agriculture	26	2.2
Mining	0	0.0
Utilities	7	0.6
Construction	251	20.8
Manufacturing	17	1.4
Wholesale	17	1.4
Retail Trade	81	6.7
Transportation/Warehousing	44	3.7
Information	24	2.0
Finance/Insurance	8	0.7
Real Estate/Rental	14	1.2
Professional/Science/Tech.	37	3.1
Management	12	1.0
Admin/Waste Management	175	14.5
Education	17	1.4
Health/Social Asst.	87	7.2
Arts/Entertainment	16	1.3
Accommodation/Food Serv.	128	10.6
Other Services	18	1.5
Public Administration	1	0.1
Info. Not Available	144	12.0
<b>Age</b>		
Under 22	13	1.1
22 to 24	36	3.0
25 to 34	249	20.7
35 to 44	270	22.4
45 to 54	299	24.8
55 to 64	254	21.1
65 and over	82	6.8

9.3.1

CONTINUED

Characteristic	Annual Average	% of Total
<b>Duration</b>		
1 to 4 weeks	455	37.8
5 to 14 weeks	435	36.1
15 and over	315	26.2
<b>Occupation</b>		
Management	87	7.2
Business/Finance	19	1.6
Computer/Math	8	0.7
Architecture/Engineer	8	0.7
Life/Physical/Social Science	10	0.8
Community/Social Serv.	23	1.9
Legal	2	0.2
Education/Training/Library	57	4.7
Arts/Entertainment	22	1.8
Health Practitioner/Tech.	21	1.7
Healthcare Support	26	2.2
Protective Services	20	1.7
Food Prep/Serving	103	8.6
Building/Grounds Maint.	45	3.7
Personal Care/Service	29	2.4
Sales	91	7.6
Office/Admin. Support	138	11.5
Farm/Fishing/Forestry	28	2.3
Construction	310	25.7
Installation/Repair	37	3.1
Production	28	2.3
Transportation/Moving	57	4.7
Info. Not Available	37	3.1
<b>Ethnicity</b>		
American Indian	10	0.8
Chinese	6	0.5
Filipino	143	11.9
Japanese	75	6.2
Other Asian	14	1.2
Black	12	1.0
Hawaiian	351	29.2
Other Pacific Islander	58	4.8
White & Latino	353	29.3
Other	183	15.2
Info. Not Available	1	0.1

NOTE: AVERAGES AND PERCENTAGES MAY NOT ADD DUE TO ROUNDING.

SOURCE: HAWAII STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, RESEARCH AND STATISTICS OFFICE, CHARACTERISTICS OF THE INSURED UNEMPLOYED 2015.

### 9.3.2

## LABOR FORCE STATUS AND EMPLOYMENT CHARACTERISTICS HAWAI'I COUNTY

Labor Force Status	2011	2012	2013	2014
<b>Persons 16 Years and Over</b>	<b>149,292</b>	<b>151,879</b>	<b>152,146</b>	<b>156,199</b>
In labor force	87,239	90,774	91,299	88,485
Civilian labor force	87,015	90,749	91,108	88,329
Employed	77,284	82,919	82,308	83,558
Unemployed	9,731	7,830	8,800	4,771
Armed forces	224	25	191	156
Not in labor force	62,053	61,105	60,847	67,714
<b>Males 16 years and over</b>	<b>73,935</b>	<b>75,817</b>	<b>75,543</b>	<b>77,334</b>
In labor force	45,771	49,418	46,717	45,305
Civilian labor force	45,547	49,393	46,526	45,149
Employed	39,438	44,354	40,994	43,144
Unemployed	6,109	5,039	5,532	2,005
Armed forces	224	25	191	156
Not in labor force	28,164	26,399	28,826	32,029
<b>Females 16 years and over</b>	<b>75,357</b>	<b>76,062</b>	<b>76,603</b>	<b>78,865</b>
In labor force	41,468	41,356	44,582	43,180
Civilian labor force	41,468	41,356	44,582	43,180
Employed	37,846	38,565	41,314	40,414
Unemployed	3,622	2,791	3,268	2,766
Armed forces	0	0	0	0
Not in labor force	33,889	34,706	32,021	35,685

SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY 1-YEAR ESTIMATES.



### 9.3.3

## LABOR FORCE STATUS, BY CENSUS DESIGNATED PLACE HAWAII COUNTY, 2014

Census Designated Place	Total	Armed Forces	Not in labor force	CIVILIAN LABOR FORCE			
				Total	Employed	Unemployed	% Unemployed
Ainaloa CDP	2,724	0	1,424	1,300	1,041	259	9.5%
Captain Cook CDP	3,305	0	1,278	2,027	1,863	164	5.0%
Discovery Harbour CDP	930	0	441	489	424	65	7.0%
Eden Roc CDP	533	0	314	219	206	13	2.4%
Fern Acres CDP	1,103	0	408	695	591	104	9.4%
Fern Forest CDP	573	0	322	251	215	36	6.3%
Hala'ula CDP	462	0	159	303	284	19	4.1%
Hawaiian Acres CDP	1,785	0	979	806	744	62	3.5%
Hawaiian Beaches CDP	3,219	0	1,494	1,725	1,365	360	11.2%
Hawaiian Ocean View CDP	3,145	0	1,595	1,550	1,441	109	3.5%
Hawaiian Paradise Park CDP	9,639	0	5,298	4,341	4,039	302	3.1%
Hawi CDP	1,007	0	319	688	621	67	6.7%
Hilo CDP	36,104	33	15,796	20,275	18,761	1,514	4.2%
Hōlualoa CDP	7,479	0	2,035	5,444	4,846	598	8.0%
Honalo CDP	2,080	3	792	1,285	1,171	114	5.5%
Hōnaunau-Nāpo'opo'o CDP	2,343	0	846	1,497	1,426	71	3.0%
Honoka'a CDP	2,040	0	805	1,235	1,083	152	7.5%
Honomū CDP	386	0	184	202	192	10	2.6%
Kahalu'u-Keauhou CDP	3,039	53	1,477	1,509	1,395	114	3.8%
Kailua CDP	10,137	0	3,586	6,551	5,982	569	5.6%
Kalaoa CDP	8,560	0	2,254	6,306	5,930	376	4.4%
Kapa'au CDP	1,319	0	472	847	757	90	6.8%
Kea'au CDP	2,018	3	811	1,204	1,032	172	8.5%
Kealahakua CDP	1,546	4	479	1,063	957	106	6.9%
Kukuihaele CDP	300	0	92	208	148	60	20.0%
Kurtistown CDP	884	0	333	551	489	62	7.0%
Laupāhoehoe CDP	417	8	177	232	208	24	5.8%
Leilani Estates CDP	1,480	0	812	668	563	105	7.1%
Mountain View CDP	2,286	0	985	1,301	1,272	29	1.3%
Nā'ālehu CDP	739	0	353	386	351	35	4.7%
Nānāwale Estates CDP	1,243	0	604	639	486	153	12.3%
Orchidlands Estates CDP	2,702	0	1,010	1,692	1,510	182	6.7%
Pa'auilo CDP	517	0	165	352	299	53	10.3%
Pāhala CDP	987	0	429	558	481	77	7.8%
Pāhoa CDP	683	0	234	449	392	57	8.3%
Pāpa'ikou CDP	992	0	391	601	549	52	5.2%
Pauka'a CDP	450	0	243	207	197	10	2.2%
Pepe'ekeo CDP	1,521	0	798	723	573	150	9.9%
Puakō CDP	673	0	316	357	315	42	6.2%
Volcano CDP	2,125	0	840	1,285	1,216	69	3.2%
Waikoloa Village CDP	5,342	0	1,638	3,704	3,380	324	6.1%
Waimea CDP	6,764	28	2,020	4,716	4,373	343	5.1%
Wainaku CDP	1,248	0	582	666	650	16	1.3%
Wai'ōhinu CDP	59	0	35	24	24	0	0.0%

SOURCE: U.S. CENSUS BUREAU, AMERICAN COMMUNITY SURVEY 2010-2014 5-YEAR ESTIMATES.

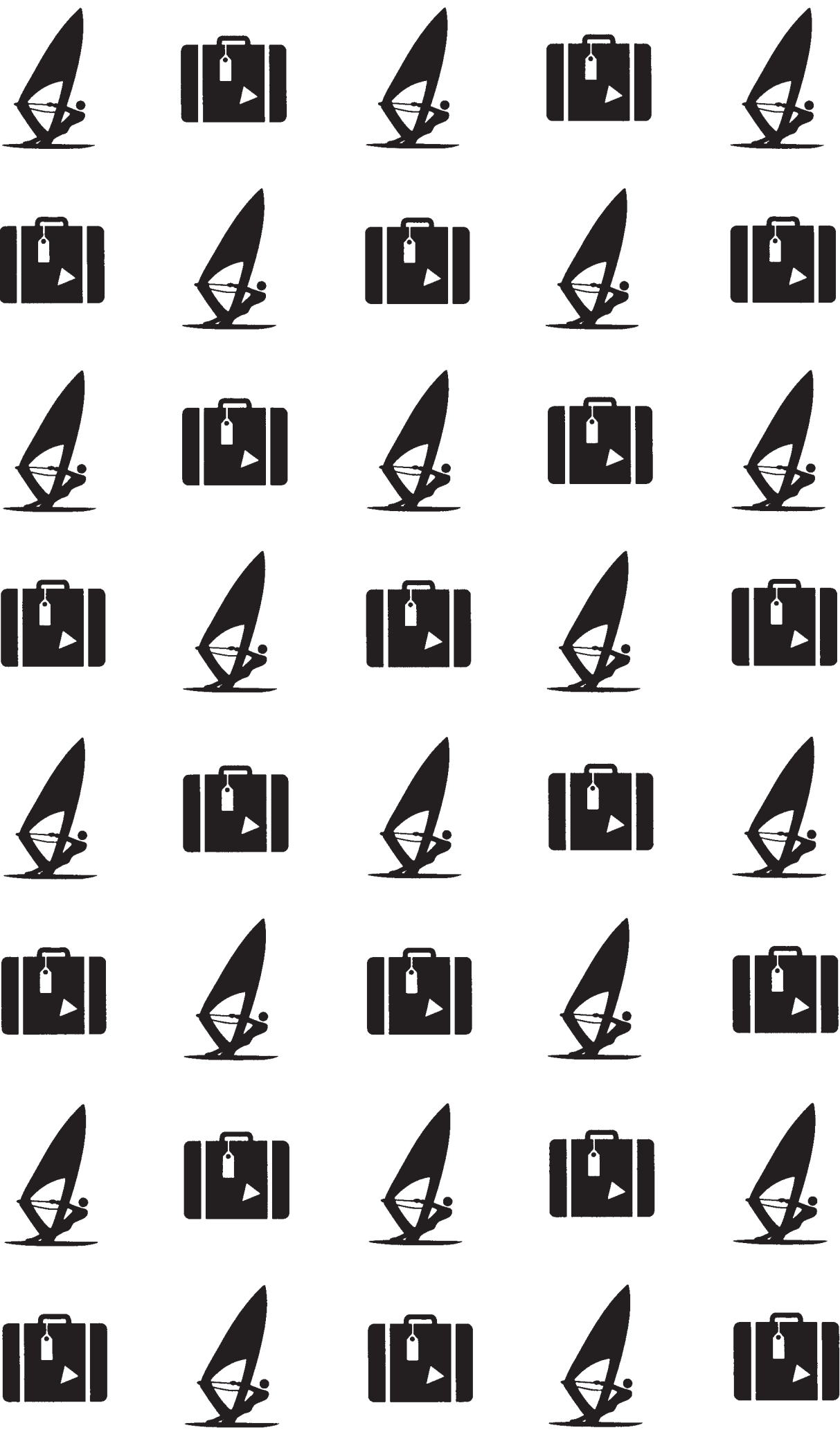
### 9.3.4

## WORKERS' COMPENSATION STATISTICS HAWAI'I COUNTY

	2010	2011	2012	2013	2014
Reported	2,477	2,543	2,547	2,479	2,418
Processed	5,459	5,474	5,502	5,496	5,330
With Cost	4,031	3,993	3,998	4,063	3,882
Cost	\$36,955,788	\$37,278,083	\$36,619,552	\$38,551,012	\$37,697,700
Days Lost	164,640	167,738	168,111	169,904	175,622
Reported Fatality	2	4	3	3	5

SOURCE: HAWAI'I STATE DEPARTMENT OF LABOR AND INDUSTRIAL RELATIONS, RESEARCH AND STATISTICS OFFICE,  
WORKERS' COMPENSATION DATA BOOK (ANNUAL).

# Visitor Industry & Recreation



## Section 10

### VISITOR INDUSTRY & RECREATION

This section presents statistics on numbers of visitors, visitor plant inventory, and visitor expenditures. In addition you will find information about recreation on the islands including attendance at recreational events, and visitors to Hawai'i County attractions.

Information on tourism is supplied primarily by the Hawai'i Tourism Authority who has assumed the collection and analysis of visitor data since 2009.

## 10.1.1

### VISITORS TO HAWAI'I COUNTY BY MONTH

*Arrivals by Air*

2014	Hawai'i County	Hilo	Kona
<b>All Visitors</b>			
January	131,105	45,538	111,247
February	121,068	41,370	102,524
March	127,368	43,544	108,135
April	109,022	40,981	92,383
May	106,161	43,200	87,543
June	125,773	48,510	104,292
July	139,184	49,426	118,081
August	127,337	47,993	108,257
September	100,057	40,992	81,024
October	115,050	42,035	96,385
November	107,005	36,885	91,659
December	139,939	51,788	117,163
<b>Total</b>	<b>1,449,070</b>	<b>532,261</b>	<b>1,218,693</b>
<b>Domestic Visitors</b>			
January	93,321	31,609	81,181
February	89,425	28,929	78,163
March	95,088	30,253	83,152
April	82,332	28,827	71,523
May	83,343	31,701	71,322
June	97,905	34,537	84,796
July	106,466	36,916	92,041
August	93,729	34,098	80,558
September	69,297	25,905	59,086
October	84,241	27,478	73,840
November	80,374	25,618	70,567
December	103,432	35,448	88,865
<b>Total</b>	<b>1,078,953</b>	<b>371,318</b>	<b>935,095</b>
<b>International Visitors</b>			
January	37,783	13,929	30,066
February	31,643	12,441	24,361
March	32,280	13,291	24,983
April	26,690	12,154	20,859
May	22,818	11,499	16,221
June	27,868	13,973	19,496
July	32,718	12,510	26,040
August	33,608	13,895	27,699
September	30,760	15,087	21,938
October	30,809	14,557	22,545
November	26,631	11,267	21,092
December	36,507	16,340	28,299
<b>Total</b>	<b>370,117</b>	<b>160,942</b>	<b>283,598</b>

SOURCE: HAWAI'I TOURISM AUTHORITY.

## 10.1.2

### LENGTH OF STAY AND AVERAGE DAILY CENSUS HAWAI'I COUNTY

*Arrivals by Air*

	2010	2011	2012	2013	2014
<b>Length of Stay (days)</b>					
<b>All Visitors</b>					
Hawai'i County	7.06	7.35	7.29	7.44	7.56
Hilo	3.79	3.91	3.89	4.08	4.13
Kona	6.80	7.04	7.06	7.11	7.18
<b>Domestic</b>					
Hawai'i County	7.93	8.16	8.21	8.47	8.55
Hilo	4.39	4.56	4.66	4.95	4.97
Kona	7.43	7.62	7.65	7.85	7.90
<b>International</b>					
Hawai'i County	4.25	4.56	4.57	4.57	4.66
Hilo	2.27	2.30	2.19	2.23	2.20
Kona	4.44	4.69	4.94	4.74	4.83
<b>Average Daily Census</b>					
<b>All Visitors</b>					
Hawai'i County	24,773	26,550	28,559	29,255	30,008
Hilo	4,917	5,196	5,589	5,864	6,025
Kona	19,857	21,354	22,970	23,391	23,983
<b>Domestic</b>					
Hawai'i County	21,228	22,851	24,057	24,500	25,286
Hilo	4,087	4,314	4,601	4,843	5,055
Kona	17,141	18,537	19,456	19,657	20,230
<b>International</b>					
Hawai'i County	3,545	3,699	4,502	4,755	4,722
Hilo	829	882	988	1,022	970
Kona	2,716	2,817	3,514	3,734	3,752

SOURCE: HAWAI'I TOURISM AUTHORITY.

### 10.1.3

## AVERAGE DAILY VISITOR CENSUS BY COUNTY

*Average number of visitors present in each county on any given day  
Arrivals by Air*

Year	Hawai'i	Maui	Kaua'i	O'ahu	State
1985	8,040	31,910	11,470	65,280	116,700
1986	9,870	34,330	14,840	73,870	132,910
1987	10,210	33,890	15,510	74,660	134,270
1988	10,690	33,870	16,400	80,450	141,410
1989	17,760	44,020	19,140	88,750	169,670
1990	16,698	37,657	17,378	82,783	154,516
1991	17,535	37,060	17,720	75,008	147,323
1992	19,297	41,854	13,516	77,999	152,666
1993	18,974	42,132	8,283	78,108	147,498
1994	18,902	42,933	13,268	81,526	156,630
1995	18,547	42,751	14,439	81,362	157,098
1996	19,337	42,724	15,615	81,054	158,730
1997	21,656	43,383	15,999	76,150	157,188
1998	23,993	42,864	17,909	72,623	157,389
1999	22,736	43,992	18,214	79,497	164,439
2000	21,831	43,854	18,041	84,911	168,637
2001	21,064	40,651	16,830	79,702	158,247
2002 <sup>1</sup>	21,811	41,795	17,046	79,545	160,195
2003	21,934	44,510	17,828	76,776	161,048
2004	23,376	45,517	18,869	83,718	171,481
2005 <sup>2</sup>	27,768	48,414	19,675	89,588	185,445
2006 <sup>3</sup>	28,336	51,034	20,903	89,167	189,441
2007	27,891	51,222	22,207	88,092	189,412
2008	24,842	46,038	19,855	81,751	172,487
2009	23,204	42,864	18,690	80,324	165,082
2010 <sup>4</sup>	24,773	47,421	19,548	86,207	177,949
2011	26,550	49,481	20,814	88,979	185,824
2012	28,559	52,401	22,318	97,989	201,267
2013	29,255	54,233	23,334	96,054	202,876
2014	30,008	55,822	23,589	96,013	205,433

1. 2002 NUMBERS WERE REVISED. 2002 REVISIONS WERE SHOWN IN THE 2003 ANNUAL VISITOR RESEARCH REPORT.
2. 2005 NUMBERS WERE REVISED. 2005 REVISIONS WERE SHOWN IN THE 2006 ANNUAL VISITOR RESEARCH REPORT.
3. 2006 NUMBERS WERE REVISED. 2006 REVISIONS WERE SHOWN IN THE 2007 ANNUAL VISITOR RESEARCH REPORT.
4. 2010 NUMBERS WERE REVISED. 2010 REVISIONS WERE SHOWN IN THE 2011 ANNUAL VISITOR RESEARCH REPORT.

SOURCE: HAWAII TOURISM AUTHORITY.

## 10.1.4

### DOMESTIC VISITOR ARRIVALS FROM TOP CBSAS HAWAI'I COUNTY

*Arrivals by Air*

2014	Hilo	Kona	Hawai'i County	State
Anchorage	2,749	10,148	11,214	48,152
Atlanta	3,721	8,369	9,731	42,691
Austin	2,244	5,007	5,931	26,473
Bakersfield	626	1,973	2,217	13,763
Bellingham	754	2,166	2,477	14,746
Boise	1,233	3,681	4,129	21,183
Boston	4,179	9,201	10,880	42,616
Charlotte	1,422	3,027	3,540	14,073
Chicago	7,925	19,154	22,038	106,108
Cincinnati	1,589	3,316	3,870	15,207
Colorado	1,195	2,670	3,119	15,778
Dallas	5,539	13,784	16,033	85,803
Denver	4,882	14,835	16,759	78,155
Detroit	2,489	5,784	6,667	28,594
Eugene	1,050	3,223	3,596	15,444
Fresno	870	2,735	3,099	19,604
Houston	5,810	11,987	14,342	68,196
Indianapolis	1,442	2,828	3,331	15,240
Kansas City	1,758	3,768	4,480	21,571
Las Vegas	3,506	7,362	9,024	64,168
Los Angeles	25,684	79,100	90,713	569,784
Miami	2,827	5,383	6,313	25,131
Minneapolis	3,952	10,850	12,338	53,569
Modesto	556	1,862	2,113	13,707
New York	14,628	31,256	36,680	151,386
Ogden	934	2,671	2,950	19,389
Olympia	872	2,499	2,833	15,325
Orlando	1,546	2,928	3,469	15,121
Oxnard	1,998	6,421	7,243	43,656
Philadelphia	4,289	8,734	10,282	39,906



## 10.1.4

### CONTINUED

2014	Hilo	Kona	Hawai'i County	State
Phoenix	6,446	18,570	21,036	123,674
Pittsburgh	1,488	3,102	3,658	14,213
Portland	7,859	27,441	30,387	150,909
Provo	747	2,056	2,357	20,638
Reno	1,079	3,478	3,906	18,885
Riverside-San Bernardino	5,085	13,638	15,980	106,204
Sacramento	5,174	15,861	17,965	118,457
Salem	878	2,696	3,022	15,346
Salinas	744	2,564	2,876	14,193
Salt Lake City	1,929	5,307	5,977	41,450
San Antonio	1,547	3,186	3,822	20,058
San Diego	7,907	21,847	25,530	180,522
San Francisco	19,004	64,434	72,333	398,353
San Jose	7,469	24,479	27,305	164,869
San Luis	883	2,493	2,848	13,847
Santa Cruz	1,309	4,010	4,529	21,948
Santa Maria	1,057	3,285	3,783	19,559
Santa Rosa	1,718	5,679	6,341	31,253
Seattle	14,395	50,907	56,128	305,283
Spokane	1,133	3,915	4,297	22,767
St. Louis	2,026	4,466	5,216	24,138
Stockton	893	2,822	3,194	22,250
Tampa	1,742	3,405	4,018	16,299
Tucson	1,579	3,803	4,376	21,115
Vallejo	843	2,639	2,995	20,835
Virginia Beach	1,123	2,093	2,561	14,846
Washington	6,994	14,014	17,058	78,348

CBSAs: CORE BASED STATISTICS AREA

SOURCE: HAWAII TOURISM AUTHORITY AND U.S. CENSUS BUREAU.

## 10.1.5

### VISITOR ARRIVALS HAWAI'I COUNTY

Year	International	Domestic	By Ship <sup>1</sup>	Total
1998	413,731	927,037	40,308	1,381,076
1999	365,361	942,359	42,219	1,349,939
2000	342,609	925,356	27,852	1,295,817
2001	312,936	868,615	40,567	1,222,118
2002	324,633	918,680	55,630	1,298,943
2003	284,946	922,217	40,548	1,247,711
2004	298,452	982,704	73,901	1,355,057
2005	347,907	1,173,629	40,548	1,562,085
2006	326,579	1,287,829	90,930	1,705,338
2007	317,141	1,305,218	117,099	1,739,458
2008	295,229	1,026,048	99,210	1,420,487
2009	264,413	950,843	84,455	1,299,711
2010	304,773	986,086	88,062	1,378,921
2011	296,294	1,022,016	115,278	1,433,588
2012	360,604	1,072,678	269,918	1,703,200
2013	379,862	1,055,383	271,964	1,707,209
2014	370,117	1,078,953	226,140	1,675,210

1. VISITOR ARRIVALS BY SHIPS UNTIL 2011. VISITOR ARRIVALS BY SHIPS AND BY AIR STARTING IN 2012.

SOURCE: HAWAI'I TOURISM AUTHORITY.

## 10.1.6

### NATION OF RESIDENCE OF VISITORS TO HAWAI'I COUNTY

*Arrivals by Air*

2014	Hawai'i	Hilo	Kona
<b>Total</b>	<b>1,449,070</b>	<b>532,261</b>	<b>1,218,693</b>
<b>U.S.</b>	<b>971,985</b>	<b>330,038</b>	<b>844,256</b>
<b>Canada</b>	<b>105,947</b>	<b>35,402</b>	<b>97,353</b>
<b>Asia</b>	<b>223,312</b>	<b>93,126</b>	<b>156,821</b>
China	31,726	16,042	22,132
Hong Kong	1,215	572	1,004
Japan	170,482	65,856	120,383
Korea	15,141	8,492	9,581
Singapore	514	159	470
Taiwan	4,234	2,004	3,250
<b>Oceania</b>	<b>54,127</b>	<b>30,828</b>	<b>45,222</b>
Australia	46,049	26,913	38,244
New Zealand	8,078	3,914	6,978
<b>Europe</b>	<b>48,017</b>	<b>24,131</b>	<b>39,533</b>
United Kingdom	12,730	5,312	10,747
Germany	17,630	9,510	13,987
France	7,689	3,939	6,657
Italy	2,873	1,340	2,330
Switzerland	7,096	4,031	5,810
<b>Latin America</b>	<b>7,117</b>	<b>3,190</b>	<b>5,747</b>
Argentina	737	272	600
Brazil	3,379	1,469	2,749
Mexico	3,002	1,449	2,398
<b>Other</b>	<b>38,564</b>	<b>15,547</b>	<b>29,761</b>

SOURCE: HAWAI'I TOURISM AUTHORITY.

### 10.1.7

## TOTAL AIR SEATS OPERATED TO KONA AND HILO AIRPORTS

	2013		2014	
	Kona	Hilo	Kona	Hilo
<b>TOTAL SEATS</b>	<b>614,714</b>	<b>48,588</b>	<b>686,553</b>	<b>46,056</b>
Scheduled	614,714	48,588	686,553	46,056
Charter	0	0	0	0
<b>DOMESTIC SEATS</b>	<b>588,403</b>	<b>48,588</b>	<b>650,143</b>	<b>46,056</b>
Scheduled Seats	588,403	48,588	650,143	46,056
Charter seats	0	0	0	0
<b>US West</b>	<b>588,403</b>	<b>48,588</b>	<b>650,143</b>	<b>46,056</b>
Anchorage	3,454	0	4,806	0
Boise	0	0	2,366	0
Denver	9,392	0	9,100	0
Los Angeles	230,497	47,048	249,496	46,056
Oakland	40,663	0	45,799	0
Phoenix	59,667	0	58,520	0
Portland	17,898	0	26,736	0
San Francisco	123,840	1,540	134,584	0
San Jose	35,168	0	25,590	0
Seattle	67,824	0	93,146	0
<b>INTERNATIONAL SEATS</b>	<b>26,311</b>	<b>0</b>	<b>36,410</b>	<b>0</b>
<b>Canada</b>	<b>26,311</b>	<b>0</b>	<b>36,410</b>	<b>0</b>
Vancouver	26,311	0	36,410	0

SOURCE: HAWAII TOURISM AUTHORITY.

10.1.8

**HOTEL OCCUPANCY AND ROOM RATES  
HAWAI'I COUNTY**

<b>Month, 2014</b>	<b>Occupancy</b>	<b>Average Daily Rate</b>	<b>Revenue per Available Room</b>
January	70.2%	\$238.44	167.38
February	76.5%	\$245.19	187.57
March	65.8%	\$246.02	161.88
April	59.7%	\$241.74	144.32
May	53.2%	\$215.82	114.82
June	56.3%	\$227.95	128.34
July	63.6%	\$241.15	153.37
August	60.3%	\$241.81	145.81
September	55.0%	\$193.67	106.52
October	63.8%	\$216.64	138.22
November	57.4%	\$221.73	127.27
December	59.6%	\$292.53	174.35
<b>Total</b>	<b>61.5%</b>	<b>\$236.73</b>	<b>145.59</b>

SOURCE: HAWAI'I TOURISM AUTHORITY.

## 10.2.1

### CLASS OF VISITOR ACCOMMODATION UNITS BY ISLAND

	2011	2012	2013	2014	2015
<b>Hawai'i Island</b>					
Budget (up to \$100)	10.2%	9.9%	8.5%	8.3%	9.9%
Standard (\$101 to \$250)	32.3%	28.1%	29.8%	28.1%	32.9%
Deluxe (\$251 to \$500)	41.1%	48.3%	42.6%	43.9%	36.5%
Luxury (over \$500 per night)	16.4%	13.7%	19.1%	19.6%	20.6%
<b>Kaua'i</b>					
Budget (up to \$100)	8.2%	7.7%	6.3%	7.2%	2.7%
Standard (\$101 to \$250)	27.9%	26.4%	19.6%	18.9%	33.7%
Deluxe (\$251 to \$500)	43.2%	40.5%	47.8%	45.0%	26.6%
Luxury (over \$500 per night)	20.8%	25.4%	26.3%	28.8%	37.0%
<b>Maui</b>					
Budget (up to \$100)	2.9%	4.2%	3.1%	3.1%	1.9%
Standard (\$101 to \$250)	25.4%	25.1%	24.3%	22.3%	19.2%
Deluxe (\$251 to \$500)	27.6%	23.1%	26.4%	27.3%	25.2%
Luxury (over \$500 per night)	44.1%	47.6%	46.2%	47.4%	53.8%
<b>Moloka'i</b>					
Budget (up to \$100)	27.9%	5.2%	6.3%	3.1%	6.2%
Standard (\$101 to \$250)	65.2%	88.2%	89.4%	92.1%	85.6%
Deluxe (\$251 to \$500)	5.5%	5.9%	3.5%	3.9%	8.2%
Luxury (over \$500 per night)	1.5%	0.7%	0.7%	0.8%	0.0%
<b>Lāna'i</b>					
Budget (up to \$100)	0.9%	1.1%	0.0%	0.0%	0.0%
Standard (\$101 to \$250)	3.1%	3.1%	4.2%	4.2%	4.5%
Deluxe (\$251 to \$500)	43.5%	43.4%	43.3%	43.3%	26.3%
Luxury (over \$500 per night)	52.6%	52.4%	52.4%	52.4%	69.2%
<b>O'ahu</b>					
Budget (up to \$100)	7.4%	7.1%	6.6%	4.8%	3.1%
Standard (\$101 to \$250)	34.6%	33.7%	26.3%	24.3%	32.2%
Deluxe (\$251 to \$500)	40.0%	40.7%	43.2%	47.5%	36.1%
Luxury (over \$500 per night)	18.0%	18.4%	23.9%	23.3%	28.6%
<b>Statewide</b>					
Budget (up to \$100)	6.9%	6.9%	6.0%	5.2%	3.8%
Standard (\$101 to \$250)	31.3%	29.9%	25.7%	23.9%	29.4%
Deluxe (\$251 to \$500)	37.5%	37.9%	39.8%	42.2%	32.6%
Luxury (over \$500 per night)	24.3%	25.2%	28.5%	28.7%	34.1%

SOURCE: HAWAII TOURISM AUTHORITY, VISITOR PLANT INVENTORY.

## 10.2.2

### VISITOR PLANT INVENTORY BY TYPE HAWAI'I COUNTY

	2012		2013		2014		2015	
	Prop	Units	Prop	Units	Prop	Units	Prop	Units
<b>Hawai'i County</b>								
Apartment/Hotel	1	80	0	33	1	45	2	36
Bed & Breakfast	88	383	88	365	84	358	57	289
Condo Hotel	27	689	14	934	12	791	13	620
Hostel	2	11	1	20	3	24	3	24
Hotel	32	6,785	28	6,387	27	6,347	29	6,564
Individual Unit	314	1,105	388	1,360	417	1,327	426	1,766
Timeshare	14	1,382	14	1,680	13	1,652	17	1,663
Other	10	159	10	124	11	122	14	123
<b>Total</b>	<b>488</b>	<b>10,594</b>	<b>543</b>	<b>10,903</b>	<b>568</b>	<b>10,666</b>	<b>561</b>	<b>11,085</b>
<b>State</b>								
Apartment/Hotel	25	293	12	344	12	325	7	116
Bed & Breakfast	192	685	188	652	221	755	132	583
Condo Hotel	134	12,188	99	11,484	96	10,560	124	10,942
Hostel	10	260	9	269	12	303	12	312
Hotel	144	43,151	144	43,489	145	43,575	141	43,304
Individual Unit	1,205	7,567	1,399	6,943	1,133	7,162	1,640	10,768
Timeshare	65	457	63	10,389	60	10,647	83	10,680
Other	17	10,049	17	389	21	389	26	433
<b>Total</b>	<b>1,792</b>	<b>74,650</b>	<b>1,931</b>	<b>73,959</b>	<b>1,700</b>	<b>73,716</b>	<b>2,165</b>	<b>77,138</b>

NOTE: PROP MEANS NUMBER OF PROPERTIES.

SOURCE: HAWAI'I TOURISM AUTHORITY, VISITOR PLANT INVENTORY, CALENDAR YEARS.

### 10.2.3

## SUMMARY OF VISITOR PLANT INVENTORY BY AREA AND TYPE, HAWAI'I COUNTY

Area/Type, 2015	Properties	Units
<b>Hilo/Honoka'a</b>		
Apartment/Hotel	1	24
Bed & Breakfast	20	88
Condo Hotel	1	50
Hostel	0	16
Hotel	7	1,006
Individual Unit	33	97
Timeshare	0	0
Other	4	69
<b>Kohala/Waimea/Kawaihae</b>		
Apartment/Hotel	0	0
Bed & Breakfast	6	40
Condo Hotel	6	304
Hostel	0	0
Hotel	9	3,342
Individual Unit	106	536
Timeshare	4	699
Other	3	15
<b>Kona</b>		
Apartment/Hotel	0	0
Bed & Breakfast	18	88
Condo Hotel	6	266
Hostel	1	1
Hotel	11	2,077
Individual Unit	263	1,037
Timeshare	12	940
Other	2	7
<b>Nā'ālehu/Ka'ū</b>		
Apartment/Hotel	0	0
Bed & Breakfast	1	13
Condo Hotel	0	0
Hostel	1	1
Hotel	0	0
Individual Unit	1	3
Timeshare	0	0
Other	1	5
<b>Volcano Area</b>		
Apartment/Hotel	1	12
Bed & Breakfast	12	60
Condo Hotel	0	0
Hostel	1	6
Hotel	2	139
Individual Unit	23	93
Timeshare	1	24
Other	4	27
<b>Total</b>	<b>561</b>	<b>11,085</b>

SOURCE: HAWAI'I TOURISM AUTHORITY, 2015 VISITOR PLANT INVENTORY.



## 10.2.4

### VISITOR PLANT INVENTORY HAWAII COUNTY

Year	Available Units
1985	7,511
1986	7,280
1987	7,328
1988	8,823
1989	8,161
1990	8,952
1991	9,383
1992	9,170
1993	9,140
1994	9,595
1995	NA
1996	9,558
1997	9,913
1998	9,655
1999	9,815
2000	9,774
2001	9,944
2002	9,297
2003	9,478
2004	9,857
2005	10,940
2006	10,831
2007	11,061
2008	11,240
2009	11,541
2010	11,479
2011	11,113
2012	10,594
2013	10,903
2014	10,666
2015	11,085

NA: NOT AVAILABLE

SOURCE: HAWAII TOURISM AUTHORITY, VISITOR PLANT INVENTORY, CALENDAR YEARS.

### 10.3.1

## DAILY EXPENDITURES PER PERSON BY ISLAND

*Arrivals by air*

2014	O'ahu	Maui	Moloka'i	Lāna'i	Kaua'i	Hawai'i
<b>Total Spending</b>	<b>209.6</b>	<b>203.9</b>	<b>120.9</b>	<b>318.9</b>	<b>163.7</b>	<b>170.5</b>
<b>Lodging</b>	<b>92.8</b>	<b>98.3</b>	<b>51.4</b>	<b>175.4</b>	<b>72.4</b>	<b>72.9</b>
<b>Total Food and beverage</b>	<b>40.6</b>	<b>41.6</b>	<b>22.7</b>	<b>73.9</b>	<b>34.1</b>	<b>33.6</b>
Restaurant food	28.7	26.8	10.6	65.8	21.0	22.2
Dinner shows and cruises	3.9	4.7	0.1	2.4	3.4	2.2
Groceries and snacks	7.9	10.1	11.9	5.7	9.7	9.2
<b>Entertainment &amp; Recreation</b>	<b>16.7</b>	<b>17.8</b>	<b>11.4</b>	<b>26.0</b>	<b>18.9</b>	<b>17.9</b>
<b>Total Transportation</b>	<b>14.7</b>	<b>20.1</b>	<b>25.9</b>	<b>17.6</b>	<b>19.5</b>	<b>24.8</b>
Interisland airfare	2.2	2.8	10.4	10.5	2.5	6.5
Ground transportation	2.0	0.7	1.6	1.9	0.3	0.6
Rental vehicles	9.3	15.0	11.9	4.2	15.4	15.7
Gasoline, parking, etc.	1.2	1.6	2.0	1.0	1.2	2.0
<b>Total Shopping</b>	<b>37.4</b>	<b>19.1</b>	<b>6.8</b>	<b>16.1</b>	<b>13.5</b>	<b>15.2</b>
Fashion and clothing	14.5	8.0	1.7	9.3	5.4	5.3
Jewelry and watches	4.6	3.8	0.5	2.0	2.5	2.5
Cosmetics, perfume	1.8	0.6	0.1	0.7	0.3	0.2
Leather goods	5.3	0.7	0.3	0.2	0.1	0.4
Hawai'i food products	3.2	2.1	1.8	1.7	1.8	3.2
Souvenirs	8.0	4.0	2.4	2.2	3.4	3.6
<b>All other expenses</b>	<b>7.4</b>	<b>7.1</b>	<b>2.7</b>	<b>10.0</b>	<b>5.4</b>	<b>6.0</b>

SOURCE: HAWAII TOURISM AUTHORITY, 2014 ANNUAL VISITOR RESEARCH REPORT.

### 10.3.2

## CRUISE VISITOR PER PERSON PER DAY SPENDING BY CATEGORY

2014	State	O'ahu	Maui	Kaua'i	Hawai'i
<b>Total per person per day spending</b>	<b>\$200.49</b>	<b>\$107.68</b>	<b>\$63.24</b>	<b>\$60.55</b>	<b>\$70.21</b>
<b>Lodging</b>	<b>15.10</b>	<b>30.39</b>	<b>7.79</b>	<b>7.02</b>	<b>7.40</b>
<b>Food &amp; beverages</b>	<b>11.44</b>	<b>20.25</b>	<b>7.83</b>	<b>5.53</b>	<b>7.33</b>
Restaurant	8.34	15.37	5.61	3.64	4.88
Dinner shows	1.32	2.35	0.90	0.86	0.61
Groceries/snacks	1.78	2.53	1.32	1.04	1.84
<b>Entertainment and Recreation</b>	<b>3.65</b>	<b>5.66</b>	<b>2.55</b>	<b>2.54</b>	<b>2.76</b>
<b>Shore Tour</b>	<b>20.19</b>	<b>14.48</b>	<b>18.81</b>	<b>25.17</b>	<b>25.21</b>
<b>Total Transportation</b>	<b>6.90</b>	<b>9.62</b>	<b>6.02</b>	<b>5.19</b>	<b>5.29</b>
Inter-island airfare	1.28	1.53	1.17	1.14	1.15
Ground transportation	1.96	3.63	1.03	0.91	1.42
Rental car/moped	3.12	3.76	3.28	2.72	2.31
Other transportation	0.54	0.70	0.54	0.42	0.40
<b>Total Shopping</b>	<b>17.16</b>	<b>21.01</b>	<b>15.93</b>	<b>11.36</b>	<b>17.50</b>
Fashion & clothing	6.11	8.54	5.55	3.91	5.00
Jewelry/watch	3.37	3.84	4.00	2.31	2.91
Cosmetics/perfumes	0.56	1.07	0.50	0.17	0.24
Leather goods	0.38	0.58	0.40	0.21	0.22
Hawai'i food products	2.23	1.96	1.41	1.23	4.23
Souvenirs	4.51	5.03	4.06	3.54	4.90
<b>All other spending outside ship</b>	<b>4.97</b>	<b>6.26</b>	<b>4.30</b>	<b>3.73</b>	<b>4.73</b>

SOURCE: HAWAII TOURISM AUTHORITY, 2014 ANNUAL VISITOR RESEARCH REPORT.

### 10.3.3

## SUMMARY VISITOR CHARACTERISTICS

### HAWAI'I COUNTY

*Arrivals by Air*

2014	Total	Domestic	International
<b>Islands Visited</b>			
O'ahu	644,755	362,461	282,295
Maui County	349,297	259,013	90,284
Maui	341,594	252,659	88,935
Moloka'i	23,703	16,614	7,088
Lāna'i	26,555	18,459	8,096
Kaua'i	234,584	182,289	52,295
Hawai'i Island	1,449,070	1,078,953	370,117
Hilo	532,261	371,318	160,942
Kona	1,218,693	935,095	283,598
Hawai'i County Only	668,811	595,925	72,886
<b>Visit Status</b>			
First-Time	512,589	338,269	174,319
Repeat	936,481	740,683	195,798
Average # of Trips	5.04	5.61	3.39
<b>Party Size</b>			
One	210,398	184,444	25,954
Two	665,640	491,672	173,969
Three or more	573,031	402,837	170,194
Avg Party Size	2.12	2.03	2.42
<b>Accommodations</b>			
Hotel	881,107	592,725	288,383
Hotel Only	627,520	398,607	228,913
Condo	269,602	207,034	62,569
Condo Only	168,255	134,194	34,060
Timeshare	151,471	128,429	23,042
Timeshare Only	102,907	87,126	15,781
Rental House	155,374	136,127	19,247
Bed & Breakfast	44,367	35,085	9,281
Cruise Ship	103,218	82,431	20,787
Friends or Relatives	142,367	127,992	14,375

SOURCE: HAWAI'I TOURISM AUTHORITY, 2014 ANNUAL VISITOR RESEARCH REPORT.

### 10.3.4

## SUMMARY VISITOR CHARACTERISTICS BY ISLAND HAWAII COUNTY

*Arrivals by Air*

2014	Hilo	Kona
<b>Islands Visited</b>		
O'ahu	334,967	494,983
Maui County	204,057	293,759
Maui	200,467	287,818
Moloka'i	18,653	21,109
Lāna'i	20,102	23,822
Kaua'i	155,453	206,970
Hawai'i Island	532,261	1,218,693
Hilo	532,261	301,884
Kona	301,884	1,218,693
<b>Visit Status</b>		
First-Time	239,365	413,229
Repeat	292,895	805,464
Average # of Trips	4.04	5.17
<b>Party Size</b>		
One	81,989	169,705
Two	249,090	568,096
Three or more	201,182	480,892
Avg Party Size	2.09	2.13
<b>Accommodations</b>		
Hotel	350,451	725,871
Hotel Only	201,779	504,720
Condo	71,606	245,921
Condo Only	31,956	156,269
Timeshare	31,658	140,484
Timeshare Only	16,637	97,015
Rental House	64,504	130,400
Bed & Breakfast	29,594	35,027
Cruise Ship	96,061	98,225
Friends or Relatives	64,108	107,605

SOURCE: HAWAII TOURISM AUTHORITY, 2014 ANNUAL VISITOR RESEARCH REPORT.

### 10.3.5

## TOTAL CRUISE PASSENGERS BY MMA HAWAI'I COUNTY

	Visitors	US West	US East	Canada	Oceania <sup>1</sup>	Europe	Other	Hawai'i Residents	Total
2002	222,765	67,591	121,561	14,758	NA	5,244	13,611	6,746	229,511
2003	209,462	59,959	114,455	13,722	NA	5,800	15,525	5,654	215,116
2004	234,868	65,614	124,390	15,840	NA	7,510	21,514	3,577	238,445
2005	312,812	88,853	168,864	27,613	NA	8,666	18,816	4,791	317,602
2006	404,931	127,228	211,808	33,668	NA	9,627	22,600	10,227	415,158
2007	488,531	143,332	236,865	42,639	NA	10,209	55,486	10,796	499,327
2008	256,268	69,135	135,780	27,896	NA	7,223	16,234	1,999	258,267
2009	205,132	64,232	98,807	23,610	NA	6,780	11,702	3,843	208,975
2010	211,078	62,081	95,797	26,265	NA	10,648	16,287	1,913	212,991
2011	234,708	74,521	97,147	28,825	NA	10,088	24,128	2,129	236,837
2012	269,918	84,136	103,868	37,328	16,180	10,550	17,856	3,253	273,171
2013	271,964	83,828	105,327	33,304	19,768	9,766	19,970	3,526	275,490
2014	226,140	61,513	85,786	31,000	17,680	10,015	20,146	4,216	230,356

MMA: MAJOR MARKET AREA

1. OCEANIA INCLUDES AUSTRALIA AND NEW ZEALAND; THIS CATEGORY BEGAN TO BE COUNTED IN 2012.

SOURCE: HAWAI'I TOURISM AUTHORITY, ANNUAL VISITOR RESEARCH REPORT, CALENDAR YEARS.

### 10.3.6

## CRUISE AND PASSENGER SHIP SCHEDULE HILO AND KAILUA-KONA HARBORS

### Ships Scheduled 2016

#### Hilo Harbor

January	7
February	4
March	6
April	13
May	8
June	6
July	4
August	6
September	9
October	12
November	9
December	8

**Total 92**

#### Kailua-Kona Harbor

January	2
February	3
March	3
April	9
May	7
June	6
July	4
August	5
September	8
October	8
November	6
December	6

**Total 67**

NOTE: SCHEDULES ARE TENTATIVE.

SOURCE: HAWAII STATE DEPARTMENT OF TRANSPORTATION, HARBORS DIVISION, HILO PASSENGER VESSEL SCHEDULE FOR 2016;  
HAWAII.PORTCALL.COM (ACCESSED JANUARY 22, 2016).

## 10.4.1

### ACTIVITY PARTICIPATION BY VISITOR CATEGORY, HAWAI'I COUNTY

Hilo, 2014	US West	US East	Japan	Canada
<b>All Sightseeing</b>	<b>93.1%</b>	<b>88.4%</b>	<b>90.2%</b>	<b>90.3%</b>
Self-guided/DriveAroundIsland	81.6%	53.3%	27.0%	67.4%
Helicopter/Airplane Tour	4.0%	11.3%	1.6%	11.1%
Boat/Submarine Tour, WhaleWatching	0.8%	3.7%	7.4%	1.5%
Visit Communities	19.1%	13.9%	5.8%	14.2%
Limo, Van/Bus Tour	8.3%	23.0%	60.8%	18.3%
ScenicViews/NaturalLandmarks	60.1%	60.6%	24.2%	64.8%
Movie/TV film location	0.0%	1.0%	0.0%	0.4%
<b>All Recreation</b>	<b>84.0%</b>	<b>65.2%</b>	<b>41.8%</b>	<b>73.4%</b>
Beach/sunbathing/swimming	44.4%	23.2%	16.8%	35.6%
Surfing/bodyboarding/paddleboarding	6.0%	3.3%	1.3%	4.7%
Canoeing/kayaking	3.8%	1.2%	5.4%	1.2%
Snorkeling/scuba diving	21.4%	9.7%	11.4%	22.6%
Jet skiing/parasailing/windsurfing	1.5%	0.1%	0.0%	0.0%
Golf	3.1%	0.8%	0.0%	1.6%
Running/jogging/fitness walking	21.5%	7.2%	10.9%	12.0%
Spa	2.0%	1.5%	0.0%	1.2%
Backpacking/hiking/camping	23.5%	17.5%	4.5%	31.9%
Agritourism	8.5%	7.7%	0.0%	4.3%
Sports event/tournament	2.4%	0.2%	0.0%	0.0%
StateParks/BotanicalGardens	58.1%	51.9%	20.8%	54.0%
<b>All Entertainment</b>	<b>84.8%</b>	<b>62.0%</b>	<b>44.3%</b>	<b>71.8%</b>
Lunch/sunset/dinner/evening cruise	12.0%	13.2%	26.9%	11.2%
Live music/stage show	4.9%	10.2%	10.9%	3.2%
Nightclub/dancing/bar/karaoke	3.6%	2.1%	0.0%	2.7%
Fine dining	22.9%	19.3%	6.4%	16.4%
Family restaurant/diner	54.1%	40.3%	17.9%	46.7%
Fast Food	23.2%	13.5%	9.3%	22.7%
Cafe/Coffee House	31.2%	16.5%	8.6%	23.7%
Ethnic dining	23.9%	15.2%	3.5%	13.6%
Prepared own meal	43.2%	21.6%	0.8%	37.6%
<b>All Shopping</b>	<b>80.5%</b>	<b>60.5%</b>	<b>47.9%</b>	<b>65.0%</b>
Mall/Department stores	22.2%	15.2%	15.1%	23.6%
Designer boutiques	8.0%	6.4%	2.1%	4.6%
Hotel stores	3.7%	5.4%	9.3%	1.4%
Swap meet/Flea market	19.2%	8.6%	3.1%	11.5%
Discount/outlet stores	9.6%	5.2%	7.5%	5.4%
Supermarkets	41.7%	22.9%	23.3%	34.6%
Farmers Market	47.7%	23.4%	2.4%	31.7%
Convenience Stores	21.8%	18.4%	10.1%	23.0%
Duty Free stores	0.6%	2.5%	10.9%	0.6%
Local shops/artisans	49.4%	40.2%	9.5%	39.7%
<b>All Culture</b>	<b>44.8%</b>	<b>35.4%</b>	<b>26.2%</b>	<b>37.0%</b>
Historic military site	5.0%	3.9%	2.1%	3.0%
Other historic site	23.5%	25.1%	7.5%	24.1%
Museum/art gallery	18.8%	10.1%	0.0%	15.1%
Luau	2.8%	5.4%	6.8%	2.4%
Polynesian show/hula	2.5%	2.2%	8.4%	1.4%
Lessons, Hula/Canoeing	0.9%	0.6%	2.3%	1.5%
Ukulele Lessons	0.9%	0.5%	0.0%	0.5%
Play/concert/theatre	1.0%	1.8%	1.1%	1.3%
Art/craft fair	11.7%	3.8%	0.0%	3.7%
Festivals	1.8%	1.7%	1.2%	2.2%
<b>All Transportation</b>	<b>72.4%</b>	<b>84.8%</b>	<b>88.6%</b>	<b>79.3%</b>
Airport Shuttle	8.5%	5.6%	3.5%	6.9%
Trolley	0.0%	1.8%	3.3%	0.8%
Public Bus	0.5%	2.3%	0.0%	3.3%
Tour Bus/Tour Van	5.6%	33.8%	68.4%	22.8%
Meeting	7.4%	1.5%	0.0%	0.4%
Convention	0.3%	0.4%	0.0%	0.4%

SOURCE: HAWAI'I TOURISM AUTHORITY, 2014 VISITOR SATISFACTION AND ACTIVITY REPORT.



# 10.4.1

## CONTINUED

Kona, 2014	US West	US East	Japan	Canada
<b>All Sightseeing</b>	<b>91.1%</b>	<b>92.7%</b>	<b>86.3%</b>	<b>95.6%</b>
Self-guided/DriveAroundIsland	84.4%	69.7%	44.4%	81.0%
Helicopter/Airplane Tour	3.9%	8.6%	2.6%	9.2%
Boat/Submarine Tour, WhaleWatching	19.1%	20.9%	5.0%	24.3%
Visit Communities	19.6%	17.2%	5.5%	21.4%
Limo, Van/Bus Tour	6.7%	19.1%	44.5%	12.4%
ScenicViews/NaturalLandmarks	61.3%	63.4%	25.1%	68.1%
Movie/TV film location	1.3%	0.4%	0.0%	0.4%
<b>All Recreation</b>	<b>93.0%</b>	<b>83.1%</b>	<b>64.5%</b>	<b>92.3%</b>
Beach/sunbathing/swimming	80.7%	63.5%	43.8%	80.6%
Surfing/bodyboarding/paddleboarding	18.1%	12.3%	2.6%	22.1%
Canoeing/kayaking	10.5%	5.2%	1.8%	6.4%
Snorkeling/scuba diving	49.5%	36.8%	13.3%	52.4%
Jet skiing/parasailing/windsurfing	2.0%	1.5%	0.3%	0.7%
Golf	11.5%	7.8%	12.5%	12.4%
Running/jogging/fitness walking	33.3%	23.5%	10.5%	33.6%
Spa	8.9%	7.7%	2.2%	5.5%
Backpacking/hiking/camping	14.0%	17.0%	1.9%	19.5%
Agritourism	10.9%	11.7%	5.3%	11.9%
Sports event/tournament	2.2%	1.9%	0.3%	4.5%
StateParks/BotanicalGardens	41.2%	49.1%	11.9%	48.1%
<b>All Entertainment</b>	<b>94.2%</b>	<b>83.4%</b>	<b>74.7%</b>	<b>92.5%</b>
Lunch/sunset/dinner/evening cruise	19.3%	20.7%	38.5%	23.0%
Live music/stage show	22.9%	24.9%	11.0%	24.4%
Nightclub/dancing/bar/karaoke	9.5%	6.5%	1.5%	10.8%
Fine dining	50.8%	43.2%	15.3%	41.9%
Family restaurant/diner	64.3%	51.3%	18.8%	64.7%
Fast Food	28.5%	22.1%	19.7%	31.8%
Cafe/Coffee House	45.8%	28.2%	23.3%	46.1%
Ethnic dining	24.2%	20.3%	3.9%	18.5%
Prepared own meal	55.7%	37.2%	17.3%	64.1%
<b>All Shopping</b>	<b>89.2%</b>	<b>83.9%</b>	<b>75.5%</b>	<b>91.1%</b>
Mall/Department stores	32.9%	28.0%	25.5%	48.0%
Designer boutiques	19.5%	17.7%	3.7%	21.4%
Hotel stores	27.1%	24.4%	25.3%	23.2%
Swap meet/Flea market	19.1%	12.0%	4.1%	20.1%
Discount/outlet stores	15.5%	13.7%	6.1%	14.9%
Supermarkets	63.0%	46.1%	49.7%	64.4%
Farmers Market	43.7%	25.1%	10.0%	46.4%
Convenience Stores	35.1%	31.3%	24.6%	41.7%
Duty Free stores	2.5%	1.5%	6.1%	1.5%
Local shops/artisans	62.1%	57.9%	18.5%	64.4%
<b>All Culture</b>	<b>57.8%</b>	<b>57.0%</b>	<b>25.5%</b>	<b>62.8%</b>
Historic military site	5.4%	3.3%	0.0%	4.6%
Other historic site	35.7%	32.3%	11.4%	40.0%
Museum/art gallery	17.5%	12.6%	1.2%	18.9%
Luau	17.8%	23.2%	4.3%	20.4%
Polynesian show/hula	11.9%	13.7%	9.2%	11.9%
Lessons, Hula/Canoeing	1.5%	2.8%	1.1%	1.6%
Ukulele Lessons	1.4%	1.0%	0.3%	1.4%
Play/concert/theatre	1.8%	2.6%	0.9%	4.3%
Art/craft fair	10.6%	6.0%	0.7%	8.7%
Festivals	1.8%	2.6%	0.5%	2.6%
<b>All Transportation</b>	<b>88.5%</b>	<b>89.5%</b>	<b>91.0%</b>	<b>91.3%</b>
Airport Shuttle	20.1%	14.8%	8.7%	20.9%
Trolley	2.0%	2.5%	5.0%	4.5%
Public Bus	1.3%	1.8%	1.6%	1.8%
Tour Bus/Tour Van	6.5%	24.5%	48.4%	12.4%
Meeting	4.4%	3.7%	0.3%	2.4%
Convention	3.3%	4.2%	1.5%	3.5%

SOURCE: HAWAII TOURISM AUTHORITY, 2014 VISITOR SATISFACTION AND ACTIVITY REPORT.

## 10.4.2

### EXCELLENT SATISFACTION RATINGS BY ISLAND U.S. AND JAPAN VISITORS

	Maui	Moloka'i	Lāna'i	O'ahu	Hawai'i	Kaua'i
<b>U.S. Visitors</b>						
2010	72.5	52.2	59.4	61.9	67.6	74.9
2011	75.8	62.1	74.4	62.2	67.5	77.3
2012	66.2	58.6	65.0	56.9	62.3	70.4
2013	67.1	55.6	60.5	56.9	63.3	69.4
2014	69.5	61.3	60.4	54.0	60.9	72.0
<b>Japan Visitors</b>						
2010	57.4	14.9	31.0	59.2	59.7	42.8
2011	57.1	28.3	42.6	62.7	62.0	53.5
2012	57.9	26.6	48.8	57.6	60.1	55.8
2013	52.3	56.4	36.3	57.3	60.4	49.7
2014	57.4	20.4	26.4	56.2	61.2	47.6

SOURCE: HAWAII TOURISM AUTHORITY, VISITOR SATISFACTION AND ACTIVITY REPORT.

## 10.4.3

### OVERALL ISLAND EXPERIENCE BY MMA HAWAII COUNTY

2014	US Total	US West	US East	Japan	Canada
<b>Hawai'i County</b>					
Excellent	60.9%	60.7%	61.2%	61.2%	59.5%
Above Average	36.8%	36.7%	36.8%	34.4%	38.5%
Below Average	2.1%	2.3%	1.9%	3.4%	2.0%
Poor	0.2%	0.3%	0.0%	1.0%	0.0%
<b>Hilo</b>					
Excellent	47.7%	46.4%	49.1%	51.2%	40.7%
Above Average	44.3%	44.1%	44.4%	42.7%	46.5%
Below Average	7.1%	8.3%	5.9%	5.6%	11.7%
Poor	0.9%	1.2%	0.6%	0.4%	1.1%
<b>Kona</b>					
Excellent	61.1%	60.9%	61.5%	62.8%	59.9%
Above Average	36.2%	36.6%	35.7%	34.3%	38.5%
Below Average	2.5%	2.4%	2.7%	1.9%	1.6%
Poor	0.1%	0.2%	0.1%	1.0%	0.0%

SOURCE: HAWAII TOURISM AUTHORITY, 2014 VISITOR SATISFACTION AND ACTIVITY REPORT.

## 10.4.4

### VISITATION DECISION TIMETABLE HAWAI'I COUNTY

Visitors, 2014	More than 1 year	10 to 12 months	7 to 9 months	4 to 6 months	1 to 3 months	Less than 1 month
<b>U.S. West</b>						
Decide to take vacation/pleasure trip	3.8%	21.4%	9.4%	32.4%	30.8%	2.2%
Decide to visit Hawai'i	4.1%	20.4%	9.7%	32.2%	30.8%	2.8%
Decide on which islands to visit	3.4%	18.3%	10.2%	32.6%	32.6%	2.8%
Set date for the trip	1.8%	14.0%	10.4%	32.8%	38.2%	2.9%
Make airline reservations	0.1%	4.6%	7.7%	35.3%	48.7%	3.6%
Purchase tickets	0.2%	4.3%	7.8%	34.7%	49.2%	3.9%
Make accommodation reservations	1.7%	10.9%	9.4%	31.1%	43.3%	3.6%
Make rental car reservations	0.1%	3.0%	4.7%	24.2%	61.1%	6.9%
Purchase tour or attraction packages	0.0%	0.8%	1.8%	15.7%	56.6%	25.1%
<b>U.S. East</b>						
Decide to take vacation/pleasure trip	5.2%	26.1%	12.4%	30.3%	24.8%	1.2%
Decide to visit Hawai'i	5.9%	24.8%	12.5%	30.5%	25.2%	1.2%
Decide on which islands to visit	3.9%	20.7%	13.1%	31.8%	28.6%	1.8%
Set date for the trip	2.3%	15.6%	13.7%	33.7%	32.3%	2.3%
Make airline reservations	0.3%	7.2%	11.6%	34.7%	43.8%	2.4%
Purchase tickets	0.2%	6.8%	11.4%	34.6%	44.3%	2.7%
Make accommodation reservations	1.3%	11.7%	12.2%	31.4%	40.9%	2.6%
Make rental car reservations	0.2%	4.2%	6.4%	25.0%	57.2%	7.0%
Purchase tour or attraction packages	0.3%	1.6%	2.9%	15.7%	59.8%	19.8%
<b>Canada</b>						
Decide to take vacation/pleasure trip	4.2%	23.2%	12.8%	29.0%	28.7%	2.1%
Decide to visit Hawai'i	5.1%	23.0%	12.0%	27.4%	30.3%	2.2%
Decide on which islands to visit	3.3%	20.5%	11.8%	28.8%	33.1%	2.5%
Set date for the trip	2.4%	16.6%	12.6%	30.3%	34.8%	3.2%
Make airline reservations	0.2%	7.2%	12.2%	32.5%	44.8%	3.0%
Purchase tickets	0.2%	6.8%	12.4%	32.3%	45.3%	3.0%
Make accommodation reservations	1.6%	12.4%	12.1%	28.2%	41.9%	3.8%
Make rental car reservations	0.2%	3.3%	5.5%	23.7%	59.6%	7.7%
Purchase tour or attraction packages	0.0%	1.9%	2.7%	12.1%	55.2%	28.1%
<b>Japan</b>						
Decide to take vacation/pleasure trip	1.7%	12.7%	5.4%	33.5%	41.9%	4.7%
Decide to visit Hawai'i	1.8%	11.6%	4.7%	32.2%	44.9%	4.9%
Decide on which islands to visit	1.2%	10.3%	4.8%	29.5%	48.9%	5.4%
Set date for the trip	0.7%	7.1%	4.4%	27.8%	53.7%	6.3%
Make airline reservations	0.8%	5.2%	4.2%	24.2%	58.0%	7.7%
Purchase tickets	0.6%	3.2%	4.2%	21.4%	61.2%	9.3%
Make accommodation reservations	0.7%	4.7%	4.6%	22.6%	59.4%	8.2%
Make rental car reservations	0.3%	0.9%	2.7%	9.4%	63.1%	23.6%
Purchase tour or attraction packages	0.3%	0.5%	0.6%	8.3%	65.7%	24.7%

SOURCE: HAWAI'I TOURISM AUTHORITY, 2014 VISITOR SATISFACTION AND ACTIVITY REPORT.

## 10.4.5

### VISITORS BY INCOME LEVEL AND MMA HAWAI'I COUNTY

Income <sup>1</sup>	US West	US East	Canada
Under \$40,000	6.4%	4.6%	7.4%
\$40,000 to \$50,000	2.7%	3.9%	3.8%
\$50,000 to \$60,000	4.2%	5.4%	6.4%
\$60,000 to \$70,000	4.3%	5.9%	6.5%
\$70,000 to \$80,000	6.6%	7.4%	7.8%
\$80,000 to \$90,000	5.2%	5.5%	5.7%
\$90,000 to \$100,000	7.6%	7.2%	7.5%
\$100,000 to \$125,000	17.6%	15.6%	14.3%
\$125,000 to \$150,000	12.1%	10.5%	10.0%
\$150,000 to \$175,000	6.7%	6.8%	8.1%
\$175,000 to \$200,000	4.5%	4.5%	3.9%
\$200,000 to \$250,000	7.7%	5.1%	5.6%
\$250,000 or more	14.2%	17.6%	13.0%

Income <sup>1</sup>	Japan	Europe	Oceania
Under \$40,000	13.1%	14.8%	4.9%
\$40,000 to \$50,000	10.8%	6.3%	4.7%
\$50,000 to \$60,000	10.0%	8.5%	7.6%
\$60,000 to \$70,000	10.9%	7.6%	15.9%
\$70,000 to \$80,000	7.5%	4.9%	5.0%
\$80,000 to \$90,000	8.9%	8.2%	7.1%
\$90,000 to \$100,000	11.1%	6.8%	8.9%
\$100,000 to \$125,000	26.2%	15.0%	17.5%
\$125,000 to \$150,000	0.5%	9.4%	9.2%
\$150,000 to \$175,000	0.0%	6.2%	6.2%
\$175,000 to \$200,000	0.2%	3.4%	1.7%
\$200,000 to \$250,000	0.0%	4.0%	4.6%
\$250,000 or more	0.8%	4.9%	6.7%

1. ALL IN U.S. DOLLARS.

SOURCE: HAWAI'I TOURISM AUTHORITY, 2014 VISITOR SATISFACTION AND ACTIVITY REPORT.

## 10.5.1

### ATTENDANCE AT MUSEUMS AND OTHER CULTURAL ATTRACTIONS HAWAII COUNTY

Attraction	2012	2013	2014
Amy B. H. Greenwell Ethnobotanical Garden <sup>1</sup>	14,692	17,793	22,122
Astronaut Ellison S. Onizuka Space Center	14,968	15,879	14,256
H.N. Greenwell Store <sup>1</sup>	NA	1,735	1,784
Hawaii Tropical Botanical Garden	87,572	93,641	90,330
Hawaii Volcanoes National Park <sup>2, 3</sup>	1,483,928	1,583,209	1,693,005
Hulihe'e Palace	26,132	NA	NA
Kaloko-Honokohau National Historical Park <sup>2</sup>	153,584	158,124	154,206
Kona Coffee Living History Farm	NA	5,446	6,511
Lyman House Memorial Museum	14,284	12,434	13,421
Nani Mau Gardens	NA	NA	NA
Pacific Tsunami Museum	18,363	17,415	17,786
Pana'ewa Rainforest Zoo and Gardens	213,537	244,533 <sup>4</sup>	199,801
Pu'uhonua o Hōnaunau NHP <sup>2</sup>	442,353	363,282	401,808
Pu'ukoholā Heiau National Historic Site <sup>2</sup>	134,403	125,645	134,734
Volcano Art Center <sup>5</sup>	135,000	100,000	NA

NA: NOT AVAILABLE

1. RENAMED FROM GREENWELL STORE MUSEUM.

2. DATA INCLUDED IN DATA BOOK PRIOR TO 2003 MAY NOT BE COMPARABLE TO PRESENT FIGURES, AS PRESENT FIGURES ONLY INCLUDE RECREATION VISITS.

3. KILAUEA VISITOR CENTER AND JAGGER MUSEUM ARE INCLUDED IN THE TOTAL ATTENDANCE AT HAWAII VOLCANOES NATIONAL PARK.

4. REVISED FROM PREVIOUS DATA BOOK.

5. DATA ARE ESTIMATES.

SOURCE: HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM, RESEARCH AND ECONOMIC ANALYSIS DIVISION,  
STATE OF HAWAII DATA BOOK 2014.

## 10.5.2

### NATIONAL AND STATE HISTORIC SITES HAWAII COUNTY

#### 2012

Listed Hawai'i Register only	90
Listed National Register only	21
Listed both Hawai'i and National Registers	49
Eligible for National Register <sup>1</sup>	10
<b>Total sites</b>	<b>170</b>

1. SITES DECLARED ELIGIBLE FOR NATIONAL REGISTER LISTING BY THE NATIONAL BOARD.

SOURCE: HAWAII STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, STATE HISTORIC PRESERVATION DIVISION.

## 10.5.3

### NATIONAL, STATE AND COUNTY PARKS HAWAII COUNTY

Parks	2011	2012	2013	2014
<b>National Parks</b>				
Number	4	4	4	4
Acreage	325,100	325,100	325,100	325,100
Visits	2,074,559	2,214,268	2,230,260	2,383,753
<b>State Parks and Historic Sites</b>				
Number	20	20	20	17
Acreage	7,253.6	7,253.6	7,253.6	6,974.2
<b>County Parks</b>				
Number	126	127	206	206
Acreage	1,734	1,740	2,869	2,869

SOURCE: U.S. DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE, PACIFIC ISLANDS SUPPORT OFFICE; HAWAII STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF STATE PARKS; COUNTY PARKS AND RECREATION DEPARTMENTS.  
COMPILED BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM.

## 10.5.4

### PARK SITES HAWAI'I COUNTY

	Acreage
<b>National Parks</b>	
Hawai'i Volcanoes National Park	323,431.0
Kaloko-Honokōhau National Historical Park	616.0
Pu'uhonua o Hōnaunau National Historical Park	419.0
Pu'ukoholā Heiau National Historic Site	61.0
<b>State Parks and Historic Sites</b>	
ʻAkaka Falls State Park	65.4
Hulihe'e Palace	NA
Hāpuna Beach State Recreation Area	61.8
Kalōpā State Recreation Area	100.0
Kealahou Bay State Historical Park	180.0
Kīholo State Park Reserve	NA
Kohala Historical Sites State Monument	6.7
Kamehameha I Birthsite	
Mo'okini Heiau	
Kona Coast (Kekaha Kai) State Park	1,642.5
Lapakahi State Historical Park	262.0
Lava Tree State Monument	17.1
MacKenzie State Recreation Area	13.1
Manukā State Wayside	13.4
Mauna Kea State Recreation Area	20.5
Old Kona Airport State Recreation Area	217.0
Wailoa River State Recreation Area	131.9
Wailuku River State Park	16.3

NA: NOT AVAILABLE

SOURCE: U.S. DEPARTMENT OF THE INTERIOR, NATIONAL PARK SERVICE; HAWAI'I STATE PARKS BROCHURE, HAWAI'I STATE DEPARTMENT OF LAND AND NATURAL RESOURCES, DIVISION OF STATE PARKS.

## 10.5.5

### COMMUNITY CENTERS AND RECREATION CENTERS HAWAI'I COUNTY

Name	Location
Yano Hall	Captain Cook
Andrews Gym	Hilo
Carvalho Park & Pi'ihonua Gym	Hilo
Hilo Armory	Hilo
Kawānanakoa Gym	Hilo
Pana'ewa Park	Hilo
Pāpa'aloa Gym	Hilo
Pu'u'eo	Hilo
Waiākea Recreation Center	Hilo
Waiākea Uka Gym	Hilo
Wainaku Gym	Hilo
Honoka'a Complex	Honoka'a
Honomū Gym	Honomū
Hale Halawai	Kailua-Kona
Kekuaokalani Gym Park Complex	Kailua-Kona
Thelma Parker Gym	Kamuela
Waimea	Kamuela
Kamehameha Park Complex / Hisaoka Gym	Kapa'au
Shipman Gym	Kea'au
Nā'ālehu	Nā'ālehu
Kahuku Park / HOVE	Ocean View
Pa'auilo Gym	Pa'auilo
Pāhala	Pāhala
Hawaiian Beaches	Pāhoa
Pāhoa	Pāhoa
Pāpa'ikou Gym	Pāpa'ikou
Kula'imano	Pepe'ekeo
Cooper Center	Volcano
Mountain View Gym	Volcano
Waikoloa Park	Waikoloa

SOURCE: COUNTY OF HAWAI'I, DEPARTMENT OF PARKS AND RECREATION, RECREATION DIVISION.



## 10.6.1

### DOG LICENSES ISSUED BY ISLAND

Year	State Total	Hawai'i	Maui <sup>1</sup>	Lana'i	Moloka'i	O'ahu	Kaua'i
1997	28,395	5,871	1,378	33	80	19,713	1,320
1998	28,645	5,777	649	35	83	19,861	2,240
1999	32,137	6,311	4,473	29	84	20,039	1,201
2000	31,147	5,627	4,587	57	25	20,066	785
2001	31,068	5,919	4,285	NA	NA	18,761	2,103
2002	30,909	6,809	4,420	50	30	17,752	1,848
2003	29,519	6,786	2,901	12	47	16,673	3,100
2004	50,180	8,085	3,977	25	30	36,121	1,942
2005	53,415	10,454	4,621	24	30	35,638	2,648
2006	50,440	8,836	4,282	17	27	35,163	2,115
2007	50,403	6,504	4,997	9	27	34,966	3,900
2008	50,919	6,186	7,009	16	32	35,129	2,547
2009	52,623	7,881	5,039	25	36	35,129	4,513
2010	51,072	7,353	4,683	65	61	34,797	4,113
2011	49,763	6,647	4,880	22	24	33,736	4,454
2012	NA	6,205	4,042	NA	NA	32,892	2,664
2013	39,227	6,292	301	54	26	32,970	3,709
2014	NA	7,050	NA	NA	NA	NA	NA
2015	NA	7,399	NA	NA	NA	NA	NA

NA: NOT AVAILABLE.

1. FOR THE YEARS 1995-1998, THE NUMBER OF REGISTRATIONS ISSUED BY THE MAUI HUMANE SOCIETY WAS NOT INCLUDED IN THE COUNT.

SOURCE: COMPILED BY THE HAWAII STATE DEPARTMENT OF BUSINESS, ECONOMIC DEVELOPMENT & TOURISM; HAWAII ISLAND HUMANE SOCIETY.

## 10.6.2

### ANIMAL ACQUISITIONS AND DISPOSITIONS HAWAI'I ISLAND HUMANE SOCIETY

	FY 2014			FY 2015		
	Dogs	Cats	Other	Dogs	Cats	Other
<b>Area</b>						
Kea'au	3,660	3,903	617	3,528	3,960	795
Waimea	1,125	752	95	1,170	901	120
Kona	1,483	1,880	1,315	1,335	1,705	1,469
<b>Total</b>	<b>6,268</b>	<b>6,535</b>	<b>2,027</b>	<b>6,033</b>	<b>6,566</b>	<b>2,384</b>
<b>Intakes</b>						
Stray/Feral Animals	4,269	5,522	1,846	4,187	5,690	2,224
Owner-Surrendered Animals	1,999	1,013	181	1,846	876	160
<b>Total</b>	<b>6,268</b>	<b>6,535</b>	<b>2,027</b>	<b>6,033</b>	<b>6,566</b>	<b>2,384</b>
<b>Live Release</b>						
Redemptions	793	109	12	907	78	14
Adoptions	1,858	985	153	1,956	955	195
Escaped	1	3	0	1	3	0
Stolen	1	0	0	1	0	0
Transferred	8	145	1	14	121	16
<b>Total</b>	<b>2,661</b>	<b>1,242</b>	<b>166</b>	<b>2,879</b>	<b>1,157</b>	<b>225</b>
<b>Dispositions</b>						
Died	35	7	2	26	3	9
Adoptable Euthanized	265	112	5	64	40	0
Treatable Euthanized	2,721	1,724	150	2,414	1,379	149
Non-Rehabilitable Euthanized	974	3,185	1,895	970	3,515	2,349
Owner Requested Euthanized	247	59	5	250	85	8
<b>Total</b>	<b>4,242</b>	<b>5,087</b>	<b>2,057</b>	<b>3,724</b>	<b>5,022</b>	<b>2,515</b>

SOURCE: HAWAI'I ISLAND HUMANE SOCIETY.

### 10.6.3

## HAWAI'I ISLAND HUMANE SOCIETY CALL SLIPS

Call Slips	FY 2012-13	FY 2013-14	FY 2014-15
Barking	156	182	230
Cat in Trap Pick-Up	193	220	237
Contained Stray	590	524	787
Cruelty/Neglect	244	429	533
Dangerous Dog	57	93	81
Dead Animal	525	407	626
Defecation	4	10	7
Injured Animal	112	212	223
Large Animal Complaint	69	68	68
Loose Animal - Safety Hazard	40	61	93
Misc Animal Control	297	380	362
Owner Surrender	107	96	134
Police Request	134	130	132
Possible Poisoning	1	3	8
Random Stray	514	550	645
Sweep	52	82	95
Unlicensed Loose	675	557	769
<b>Total</b>	<b>3,770</b>	<b>4,004</b>	<b>5,030</b>

SOURCE: HAWAI'I ISLAND HUMANE SOCIETY.

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# Domestic Trade



## Section 11

### DOMESTIC TRADE

This final section covers data on manufacturers, service establishments, professional firms, retail trade, industrial parks and the general excise tax base.

Also included is a list of Hawai'i County's largest private corporations. The largest private corporation based on sales is Puna Plantation Hawai'i Ltd. with sales of \$127.4 million and 550 employees in 2014.

11.1.1

**MANUFACTURING  
HAWAI'I COUNTY AND STATE OF HAWAI'I**

<b>2012</b>	<b>Hawai'i County</b>		<b>State of Hawai'i</b>	
	<b>All</b>	<b>Food</b>	<b>All</b>	<b>Food</b>
<b>Number of establishments</b>	<b>112</b>	<b>41</b>	<b>796</b>	<b>240</b>
20 employees or more	13	6	126	48
<b>All employees</b>	<b>1,182</b>	<b>606</b>	<b>11,440</b>	<b>4,796</b>
Annual payroll (\$1,000)	46,354	20,724	465,024	155,511
<b>Production workers</b>	<b>823</b>	<b>461</b>	<b>7,396</b>	<b>3,122</b>
Hours (1,000)	1,463	815	13,640	5,646
Wages (\$1,000)	26,236	12,996	257,974	86,992
<b>Value added (\$1,000)</b>	<b>145,838</b>	<b>63,076</b>	<b>1,101,021</b>	<b>533,962</b>
<b>Total cost of materials (\$1,000)</b>	<b>133,398</b>	<b>71,738</b>	<b>6,740,826</b>	<b>541,091</b>
<b>Total value of shipments (\$1,000)</b>	<b>283,326</b>	<b>D</b>	<b>D</b>	<b>1,079,586</b>
<b>Total capital expenditures (\$1,000)</b>	<b>10,304</b>	<b>4,579</b>	<b>108,404</b>	<b>27,689</b>

D: DATA WITHHELD TO AVOID DISCLOSING DATA FOR INDIVIDUAL COMPANIES.

SOURCE: U.S. CENSUS BUREAU, 2012 ECONOMIC CENSUS.

## 11.1.2

### INDUSTRIAL AND RESEARCH PARKS HAWAI'I COUNTY

2013 <sup>1</sup>	State total	Hawai'i
Number of parks	25	4
Total acres	4,907.20	1,864.00
Developed acres	3,021.70	614.00
Number of tenants	691	212
Number of owners	408	111

1. DATA REVISED FROM ORIGINAL LIST PUBLISHED IN PACIFIC BUSINESS NEWS, VOL. 51, No. 33 (OCTOBER 11, 2013), P. 18.

SOURCE: PACIFIC BUSINESS NEWS, BOOK OF LISTS (2014) VOL. 51, No. 43 (DECEMBER 20, 2013), P. 76.

Hawai'i County	Location	Total Acreage
Hawai'i Ocean Science and Technology Park (HOST Park), administered by the Natural Energy Laboratory of Hawai'i Authority (NELHA) <a href="http://nelha.Hawaii.gov">http://nelha.Hawaii.gov</a>	Kailua-Kona	870
WH Shipman Industrial Park <a href="http://whshipman.com/business-parks/kea%CA%BBau">http://whshipman.com/business-parks/kea%CA%BBau</a>	Keeau	485
UH Hilo, University Park <sup>1</sup> <a href="http://hilo.Hawaii.edu/uhh/research_park">http://hilo.Hawaii.edu/uhh/research_park</a>	Hilo	425
West Hawai'i Business Park <a href="http://westHawaiibusinesspark.com">http://westHawaiibusinesspark.com</a>	Kailua-Kona	242
Honokohau Industrial Park <a href="http://honokohauproperties.com">http://honokohauproperties.com</a>	Kailua-Kona	80
Konal Industrial Park <a href="http://onipaa.org">http://onipaa.org</a>	Kailua-Kona	77

1. DATA FROM PACIFIC BUSINESS NEWS, BOOK OF LISTS (2014) VOL. 51, No. 43 (DECEMBER 20, 2013), P. 76.

SOURCE: PARK MANAGEMENT WEBSITES, ACCESSED FEB. 2016.



## 11.2.1

## GENERAL EXCISE TAX BASE, HAWAII COUNTY

	2009	2010	2011	2012	2013	2014
Retailing	1,221,350,050	1,212,252,425	1,302,535,350	1,317,326,400	1,362,352,900	1,421,143,975
Services	911,834,325	897,005,550	958,146,525	960,935,050	1,007,589,875	1,027,687,975
Contracting	533,871,075	439,744,725	439,583,975	474,661,300	526,519,650	546,117,525
Theater, Amusement, Radio	5,410,150	4,689,925	4,498,025	4,549,525	7,376,325	7,946,400
Interest	272,075	49,425	2,200	7,625	5,650	0
Commissions	61,020,675	67,031,650	68,822,400	67,860,750	90,695,550	89,574,500
Hotel Rentals	284,846,850	269,488,775	292,613,050	320,044,225	349,189,125	366,411,050
All Other Rentals	273,699,250	259,193,675	281,718,675	270,396,250	284,632,075	286,843,600
Use (4%)	14,377,225	12,525,000	13,597,150	12,293,750	13,152,600	13,565,025
All Others (4%)	125,698,125	123,427,600	129,003,250	132,413,025	130,859,550	141,097,650
<b>SUB-TOTAL</b>	<b>3,432,379,800</b>	<b>3,285,408,750</b>	<b>3,490,520,600</b>	<b>3,560,487,900</b>	<b>3,772,373,300</b>	<b>3,900,387,700</b>
Insurance Solicitors	22,248,001	20,562,666	22,890,000	23,289,333	20,252,665	17,256,666
Sugar Processing	0	0	0	0	0	0
Pineapple Canning	0	0	0	0	0	0
Producing	75,061,200	76,764,400	84,189,400	84,026,200	74,853,886	67,691,400
Manufacturing	14,490,000	18,557,200	11,438,000	13,714,800	11,158,206	13,046,400
Wholesaling	481,723,200	442,155,600	480,558,000	476,660,000	503,618,152	525,867,800
Services (Intermediary)	40,012,400	33,952,000	24,708,800	31,778,600	29,640,702	37,575,200
Use (1/2%)	305,477,000	357,801,600	299,553,600	315,539,400	342,323,800	324,749,600
<b>SUB-TOTAL</b>	<b>939,011,801</b>	<b>949,793,466</b>	<b>923,337,800</b>	<b>945,008,333</b>	<b>981,847,411</b>	<b>986,187,066</b>
<b>GRAND TOTAL</b>	<b>4,371,391,601</b>	<b>4,235,202,216</b>	<b>4,413,858,400</b>	<b>4,505,496,233</b>	<b>4,754,220,711</b>	<b>4,886,574,766</b>

SOURCE: HAWAII STATE DEPARTMENT OF TAXATION, GENERAL EXCISE AND USE TAX BASE, CALENDAR YEARS.

## 11.2.2

# RETAIL ESTABLISHMENTS WITH EMPLOYEES BY TYPE AND LOCATION, 2013

Establishment Type	Location	Number	Location	Number	Location	Number
<b>Motor vehicles &amp; parts</b>	Captain Cook	1	Kamuela	6	Pāhoa	2
	Hilo	30	Kealahkekua	1		
	Kailua-Kona	19	Ocean View	1		
<b>Furniture &amp; home furnishing</b>	Hilo	9	Kailua-Kona	7	Waikoloa	1
	Honoka'a	1	Kamuela	2		
<b>Electronics &amp; Appliances</b>	Hilo	10	Kamuela	1	Pāhoa	2
	Kailua-Kona	11	Kealahkekua	3		
<b>Building material &amp; garden supplies</b>	Captain Cook	2	Kamuela	5	Mountain View	1
	Hilo	20	Kapa'au	1	Nā'ālehu	1
	Honoka'a	1	Kea'au	3	Ocean View	1
	Kailua-Kona	20	Kealahkekua	1	Pāhoa	1
<b>Food &amp; Beverage</b>	Captain Cook	2	Kapa'au	2	Pa'auilo	1
	Hawi	1	Kea'au	3	Pāhala	1
	Hilo	28	Kealahkekua	2	Pāhoa	7
	Hōlualoa	2	Laupāhoehoe	1	Pāpa'ikou	1
	Honoka'a	3	Mountain View	1	Waikoloa	2
	Kailua-Kona	21	Nā'ālehu	1		
	Kamuela	9	Ocean View	1		
<b>Health &amp; Personal care</b>	Hilo	22	Kapa'au	1	Pāhala	1
	Kailua-Kona	15	Kea'au	1	Pāhoa	2
	Kamuela	3	Kealahkekua	3	Waikoloa	5
<b>Gasoline Stations</b>	Captain Cook	3	Kea'au	4	Ocean View	1
	Hawi	1	Kealahkekua	2	Pāhoa	2
	Hilo	18	Kurtistown	2	Volcano	2
	Honoka'a	3	Laupāhoehoe	1	Waikoloa	2
	Kailua-Kona	10	Mountain View	1		
	Kamuela	5	Nā'ālehu	1		

CONTINUES ON THE NEXT PAGE

## 11.2.2

### CONTINUED

Establishment Type	Location	Number	Location	Number	Location	Number
<b>Clothing &amp; Accessories</b>	Captain Cook	1	Kailua-Kona	32	Kea'au	1
	Hawi	1	Kamuela	17	Mountain View	2
	Hilo	14	Kapa'au	2	Waikoloa	31
<b>Sporting Goods, Hobbies, Books &amp; Music</b>	Hilo	15	Kealahkekua	2	Waikoloa	2
	Kailua-Kona	10	Ocean View	1		
	Kamuela	1	Pāhoa	1		
<b>General merchandise</b>	Hilo	6	Honomū	1	Pāhoa	1
	Hōlualoa	1	Kailua-Kona	5	Waikoloa	1
	Hōnaunau	2	Kamuela	1		
	Honoka'a	1	Kurtistown	1		
<b>Miscellaneous</b>	Captain Cook	2	Hōnaunau	2	Keauhou	1
	HAVO <sup>1</sup>	1	Honomū	1	Mountain View	1
	Hawi	2	Kailua-Kona	32	Volcano	1
	Hilo	29	Kamuela	13	Waikoloa	9
	Hōlualoa	3	Kapa'au	1		
<b>Nonstore Retailers</b>	Hilo	9	Kea'au	1	Pāhoa	2
	Hōlualoa	1	Kealahkekua	1	Waikoloa	1
	Hōnaunau	1	Kurtistown	1		
	Kailua-Kona	5	Ocean View	1		

1. HAWAII VOLCANOES NATIONAL PARK.

SOURCE: U.S. CENSUS BUREAU, ZIP CODE BUSINESS PATTERNS 2013.

### 11.2.3

## CHARACTERISTICS OF MAJOR SHOPPING CENTERS HAWAII COUNTY

Shopping Center	Location	Year Opened/ Last Renovated	Gross Leasable Area	Number of units
Prince Kuhio Plaza	Hilo	1985/1999	505,000	75
Waiākea Center	Hilo	1996	231,279	NA
Makalapua Shopping Center	Kailua-Kona	1993	202,902	NA
Keauhou Shopping Center	Kailua-Kona	1985	178,809	39
Kona Commons	Kailua-Kona	2008	144,116	23
Queen's Marketplace	Waikoloa	2007	116,000	47
Lanihau Center	Kailua-Kona	1988	88,300	18
Kona Coast Shopping Center	Kailua-Kona	1975	84,111	17
Puainako Town Center	Hilo	1979	80,000	22
The Shops at Mauna Lani	Kohala Coast	2006	80,000	31
Crossroads Shopping Center	Kailua-Kona	1995	75,247	16
Waikoloa Highlands Center	Waikoloa	1991	73,000	45
Kea'au Shopping Center	Keeau	1982	73,000	9
Kings' Shops	Waikoloa	1973/2001	70,596	47
Hilo Shopping Center	Hilo	1963	66,629	NA
Kealakekua Ranch Center	Captain Cook	1973	54,108	13
Coconut Grove Marketplace	Kailua-Kona	1989/2005	47,132	40
Pāhoa Marketplace	Pāhoa	2005	43,330	NA
Kona Marketplace	Kailua-Kona	1974	38,000	NA
Kaiwi Square	Kailua-Kona	1988	37,590	33
Kona International Market	Kailua-Kona	2006	34,551	16
Kopiko Plaza	Kailua-Kona	1990	33,184	NA
Kona Inn Shopping Village	Kailua-Kona	1978	33,000	NA
Parker Square	Kamuela	NA	17,735	NA
Parker Ranch Center	Kamuela	1968	16,963	31
Holomua Center	Kamuela	1969	16,106	NA

NA: NOT AVAILABLE.

SOURCE: SHOPPING CENTERS WEBSITES; LOOPNET; QUEEN LILI'UOKALANI TRUST; GENERAL GROWTH PROPERTIES; COLLIER'S; THEBROKERLIST.COM;  
HAWAII 2002 DIRECTORY; INTERNATIONAL COUNCIL OF SHOPPING CENTERS (2003) AND PACIFIC BUSINESS NEWS BOOK OF LISTS (2015).

## 11.2.4

### SUMMARY OF RETAIL TRADE WITH EMPLOYEES BY BUSINESS GROUP HAWAI'I COUNTY

2013	Businesses	Number of Employees	1st Quarter Payroll (\$1,000)	Annual Payroll (\$1,000)
Retail Trade (NAICS 44-45)	648	9,128	60,169	249,053
Automobile dealers (NAICS 4411--)	21	430	4,971	20,267
Other Motor Vehicle Dealers (4412--)	7	20-99	180	687
Auto parts, accessories, & tire stores (4413--)	33	310	2557	11,115
Furniture Stores (4421--)	9	66	481	2,031
Home Furnishing Stores (4422--)	11	20-99	383	1,504
Electronics & Appliance Stores (4431--)	27	122	703	2,892
Building Material & Supplies Dealers (4441--)	42	500-999	D	D
Lawn, Garden Equip. & Supplies Stores (4442--)	15	88	740	3,048
Grocery Stores (4451--)	75	2,268	14,144	58,919
Specialty food Stores (4452--)	13	20-99	243	1,054
Health & Personal Care Stores (4461--)	53	614	4,966	20,190
Gasoline Stations (4471--)	58	538	2,625	11,335
Clothing Stores (4481--)	59	593	2,227	8,468
Shoe Stores (4482--)	11	47	237	932
Jewelry, Luggage, & Leather Good Stores (4483--)	37	186	1,533	6,067
Sporting Goods & Music Instrument Stores (4511--)	28	250	1,070	4,555
Book, Periodical, & Music Stores (4512--)	4	0-19	D	D
Department Stores (4521--)	8	1,500	10,359	40,684
Other General Merchandise Stores (4529--)	9	250-499	D	D
Florists (4531--)	10	20-99	167	788
Office Supplies, Stationery, & Gift Stores (4532--)	49	298	1,475	6,003
Used Merchandise Stores (4533--)	8	62	238	928
Other Miscellaneous Store Retailers (4539--)	34	181	897	3,660
Electronic Shopping & Mail Order Houses (4541--)	6	0-19	93	335
Direct Selling Establishments (4543--)	15	69	S	3,288

D: NOT DISCLOSED.

S: WITHHELD BECAUSE ESTIMATE DID NOT MEET PUBLICATION STANDARDS.

SOURCE: U.S. CENSUS BUREAU, COUNTY BUSINESS PATTERNS 2013.

## 11.2.5

### RETAIL STORES BY NUMBER OF EMPLOYEES AND ZIP CODE AREA HAWAII COUNTY

2013	Total Stores	Number of Employees					
		1-4	5-9	10-19	20-49	50-99	100-499
Captain Cook	12	6	4	1	0	1	0
Hawaii National Park	1	0	0	0	1	0	0
Hawi	5	2	2	1	0	0	0
Hilo	219	82	59	43	20	7	8
Hōlualoa	7	6	1	0	0	0	0
Hōnaunau	2	2	0	0	0	0	0
Honoka'a	12	7	3	1	0	1	0
Honomū	2	2	0	0	0	0	0
Kailua-Kona	187	84	52	23	15	6	7
Kamuela	63	27	22	9	3	2	0
Kapa'au	7	1	4	1	1	0	0
Kea'au	13	5	2	4	0	2	0
Kealahou	15	4	6	4	1	0	0
Keauhou	1	1	0	0	0	0	0
Kurtistown	4	0	1	2	1	0	0
Laupāhoehoe	2	1	0	1	0	0	0
Mountain View	6	2	3	1	0	0	0
Nā'ālehu	3	1	2	0	0	0	0
Ocean View	6	2	2	1	1	0	0
Pa'auilo	1	1	0	0	0	0	0
Pāhala	2	1	0	0	1	0	0
Pāhoa	0	9	5	3	2	1	0
Pāpa'ikou	1	0	0	1	0	0	0
Volcano	3	1	1	0	1	0	0
Waikoloa	54	24	24	3	1	2	0

SOURCE: U.S. CENSUS BUREAU, 2013 ZIP CODE BUSINESS PATTERNS.

## 11.2.6

### COMMERCIAL LEASE RENTS HAWAI'I COUNTY

Location	Range Per Square Foot Per Month		
	Retail	Office	Industrial
<b>Hilo</b>	\$0.75 to \$6.50	\$0.75 to \$2.50	\$0.60 to \$1.50
Kamehameha Avenue	\$0.75 to \$6.50	\$0.75 to \$1.00	NA
Downtown	\$0.75 to \$2.25	\$0.75 to \$1.00	NA
Kīlauea Avenue	\$1.50	\$1.50 to \$1.85	NA
Aupuni Street	NA	\$1.25 to \$1.31	NA
<b>Kailua-Kona</b>	\$0.85 to \$15.00	\$0.70 to \$2.50	\$0.65 to \$1.00
Ali'i Drive	\$1.00 to \$15.00	NA	NA
Kaiwi Street	\$1.10 to \$1.45	\$1.45	\$0.75
Luhia Street	\$0.85 to \$1.00	NA	\$0.70
Palani Road	\$1.25 to \$4.50	\$1.00 to \$1.25	NA
Kuakini Highway	NA	\$0.70 to \$1.50	NA
Hualālai Road	NA	\$1.75 to \$1.86	NA
Kanalani Street	NA	NA	\$0.65 to \$0.90
<b>Kamuela</b>	\$1.40 to \$3.25	\$3.25	NA

SOURCE: CURRENT PROPERTY LISTINGS ON LOOPNET.COM AS OF FEBRUARY 16, 2016.

## 11.3.1

## CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES BY SECTOR, HAWAI'I COUNTY

Industry, 2013	Employees	Annual Payroll (\$1,000)	Total Establishments
<b>Agriculture, Forestry, Fishing &amp; Hunting</b>	<b>101</b>	<b>3,274</b>	<b>12</b>
<b>Mining, quarrying, &amp; oil &amp; gas extraction</b>	<b>0-19</b>	<b>D</b>	<b>2</b>
<b>Utilities</b>	<b>500-999</b>	<b>46,621</b>	<b>13</b>
<b>Construction</b>	<b>2,385</b>	<b>123,817</b>	<b>366</b>
Construction of buildings	602	29,850	114
Heavy & civil engineering construction	100-249	8,875	14
Specialty trade contractors	1,669	85,092	238
<b>Manufacturing</b>	<b>1,259</b>	<b>49,002</b>	<b>107</b>
Food manufacturing	663	21,949	38
Beverage & tobacco product manufacturing	77	2,263	10
Textile product mills	0-19	D	3
Wood product manufacturing	20-99	D	4
Printing & related support activities	20-99	754	10
Chemical manufacturing	20-99	D	4
Plastics & rubber products manufacturing	0-19	D	2
Nonmetallic mineral product manufacturing	181	9,892	10
Fabricated metal product manufacturing	20-99	D	7
Furniture & related product manufacturing	35	1,802	10
Miscellaneous manufacturing	0-19	256	7
<b>Wholesale Trade</b>	<b>1,659</b>	<b>64,430</b>	<b>188</b>
Merchant wholesalers, durable goods	425	18,797	80
Merchant wholesalers, nondurable goods	1,232	45,588	106
Wholesale electronic markets & agents & brokers	0-19	D	2
<b>Retail Trade</b>	<b>9,128</b>	<b>249,053</b>	<b>648</b>
Motor vehicle & parts dealers	766	32,069	61
Furniture & home furnishings stores	100-249	3,535	20
Electronics & appliance stores	122	2,892	27
Bldg material & garden equipment & supplies	996	29,926	57
Food & beverage stores	2,342	60,522	91
Health & personal care stores	614	20,190	53
Gasoline stations	538	11,335	58
Clothing & clothing accessories stores	826	15,467	107
Sporting goods, hobby, book, & music stores	263	4,677	32
General merchandise stores	1,856	53,312	17
Miscellaneous store retailers	569	11,379	101
Nonstore retailers	20-99	3,749	24
<b>Transportation &amp; Warehousing</b>	<b>2,286</b>	<b>79,100</b>	<b>158</b>
Air transportation	435	15,555	11
Water transportation	20-99	D	1
Truck transportation	429	15,518	41
Transit & ground passenger transportation	106	2,037	10
Scenic & sightseeing transportation	907	29,874	62
Support activities for transportation	214	6,764	15
Couriers & messengers	149	6,192	13
Warehousing & storage	20-99	D	5

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**11.3.1**  
**CONTINUED**

<b>Industry, 2013</b>	<b>Employees</b>	<b>Annual Payroll (\$1,000)</b>	<b>Total Establishments</b>
<b>Information</b>	<b>540</b>	<b>27,552</b>	<b>59</b>
Publishing industries (except Internet)	100-249	D	8
Motion picture & sound recording industries	20-99	1,082	12
Broadcasting (except Internet)	71	2,599	7
Telecommunications	284	18,647	24
Data processing, hosting & related services	0-19	D	6
<b>Finance &amp; Insurance</b>	<b>1,210</b>	<b>57,535</b>	<b>160</b>
Credit intermediation & related activities	791	31,561	100
Securities, commodity contracts, investments	20-99	5,245	22
Insurance carriers & related activities	250-499	D	38
<b>Real Estate &amp; Rental &amp; Leasing</b>	<b>1,137</b>	<b>39,341</b>	<b>235</b>
Real estate	576	22,102	180
Rental & leasing services	500-999	D	55
<b>Professional, Scientific, &amp; Technical Services</b>	<b>1,500</b>	<b>77,020</b>	<b>297</b>
<b>Management of Companies &amp; Enterprises</b>	<b>405</b>	<b>17,941</b>	<b>18</b>
<b>Administrative Support &amp; Waste Management</b>	<b>3,676</b>	<b>97,242</b>	<b>237</b>
Administrative & support services	3,500	91,610	216
Waste management & remediation services	176	5,632	21
<b>Educational Services</b>	<b>1,221</b>	<b>34,342</b>	<b>59</b>
<b>Health Care &amp; Social Assistance</b>	<b>8,299</b>	<b>345,652</b>	<b>472</b>
Ambulatory health care services	3,426	143,997	352
Hospitals	2500-4999	140,098	5
Nursing & residential care facilities	500-999	D	15
Social assistance	1,384	31,758	100
<b>Arts, Entertainment, &amp; Recreation</b>	<b>1,117</b>	<b>28,734</b>	<b>73</b>
Performing arts, spectator sports, & related	113	1,925	19
Museums, historical sites, & similar institutions	128	3,602	10
Amusement, gambling, & recreation industries	876	23,207	44
<b>Accommodation &amp; Food Services</b>	<b>11,943</b>	<b>333,500</b>	<b>442</b>
Accommodation	6,100	224,339	69
Food services & drinking places	5,843	109,161	373
<b>Other Services (except Public Administration)</b>	<b>1,886</b>	<b>52,703</b>	<b>375</b>
Repair & maintenance	332	11,715	85
Personal & laundry services	463	9,153	71
Religious, grantmaking, civic, professional orgs	1,091	31,835	219
<b>Total for all sectors</b>	<b>50,266</b>	<b>1,727,506</b>	<b>3,923</b>

D: WITHHELD TO AVOID DISCLOSING DATA FOR INDIVIDUAL COMPANIES; DATA ARE INCLUDED IN HIGHER LEVEL TOTALS.

SOURCE: U.S. CENSUS BUREAU, COUNTY BUSINESS PATTERNS 2013.

## 11.3.2

# CHARACTERISTICS OF BUSINESS ESTABLISHMENTS BY SECTOR FOR NONEMPLOYERS, HAWAI'I COUNTY

Industry, 2013	Establishments with Employees	Nonemployer Establishments	Annual Receipts (\$1,000)
<b>Agriculture, Forestry, Fishing &amp; Hunting</b>	<b>12</b>	<b>967</b>	<b>23,990</b>
<b>Mining, quarrying, &amp; oil &amp; gas extraction</b>	<b>2</b>	<b>D</b>	<b>D</b>
<b>Utilities</b>	<b>13</b>	<b>21</b>	<b>1,226</b>
<b>Construction</b>	<b>366</b>	<b>1,601</b>	<b>113,441</b>
Construction of buildings	114	534	48,101
Heavy & civil engineering construction	14	35	3,916
Specialty trade contractors	238	1,032	61,424
<b>Manufacturing</b>	<b>107</b>	<b>448</b>	<b>16,517</b>
Food manufacturing	38	101	3,594
Beverage & tobacco product manufacturing	10	D	D
Textile product mills	3	D	D
Apparel manufacturing	0	36	1,462
Leather product manufacturing	0	4	34
Wood product manufacturing	4	69	2,443
Printing & related support activities	10	23	867
Chemical manufacturing	4	D	D
Plastics & rubber products manufacturing	2	D	D
Nonmetallic mineral product manufacturing	10	23	1,338
Fabricated metal product manufacturing	7	17	1,119
Machinery manufacturing	1	9	156
Electrical equipment manufacturing	0	3	131
Transportation equipment manufacturing	1	4	188
Furniture & related product manufacturing	10	29	1,334
Miscellaneous manufacturing	7	113	3,700
<b>Wholesale Trade</b>	<b>188</b>	<b>433</b>	<b>19,980</b>
Merchant wholesalers, durable goods	80	157	7,346
Merchant wholesalers, nondurable goods	106	248	11,848
Wholesale electronic markets & agents & brokers	2	28	786
<b>Retail Trade</b>	<b>648</b>	<b>1,454</b>	<b>62,409</b>
Motor vehicle & parts dealers	61	47	3,402
Furniture & home furnishings stores	20	18	2,517
Electronics & appliance stores	27	15	780
Bldg material & garden equipment & supplies	57	33	2,596
Food & beverage stores	91	106	7,285
Health & personal care stores	53	82	1,622
Gasoline stations	58	D	D
Clothing & clothing accessories stores	107	143	7,319
Sporting goods, hobby, book, & music stores	32	73	4,991
General merchandise stores	17	21	658
Miscellaneous store retailers	101	294	16,629
Nonstore retailers	24	619	13,811
<b>Transportation &amp; Warehousing</b>	<b>158</b>	<b>376</b>	<b>15,792</b>
Air transportation	11	6	845
Water transportation	1	14	744
Truck transportation	41	56	3,671

## 11.3.2

## CONTINUED

Industry, 2013	Establishments with Employees	Nonemployer Establishments	Annual Receipts (\$1,000)
Transit & ground passenger transportation	10	170	4,732
Scenic & sightseeing transportation	62	40	2,586
Support activities for transportation	15	40	1,953
Couriers & messengers	13	48	952
Warehousing & storage	5	D	D
<b>Information</b>	<b>59</b>	<b>141</b>	<b>4,101</b>
Publishing industries (except Internet)	8	39	608
Motion picture & sound recording industries	12	47	1,455
Broadcasting (except Internet)	7	D	D
Telecommunications	24	10	1,045
Data processing, hosting & related services	6	21	390
Other information services	2	20	579
<b>Finance &amp; Insurance</b>	<b>160</b>	<b>255</b>	<b>11,152</b>
Credit intermediation & related activities	100	18	964
Securities, commodity contracts, investments	22	74	3,121
Insurance carriers & related activities	38	163	7,067
<b>Real Estate &amp; Rental &amp; Leasing</b>	<b>235</b>	<b>1,602</b>	<b>126,794</b>
Real estate	180	1,533	122,553
Rental & leasing services	55	68	3,643
<b>Professional, Scientific, &amp; Technical Services</b>	<b>297</b>	<b>2,068</b>	<b>72,428</b>
<b>Management of Companies &amp; Enterprises</b>	<b>18</b>	<b>0</b>	<b>0</b>
<b>Administrative Support &amp; Waste Management</b>	<b>237</b>	<b>1,676</b>	<b>42,751</b>
Administrative & support services	216	1,650	40,067
Waste management & remediation services	21	26	2,684
<b>Educational Services</b>	<b>59</b>	<b>341</b>	<b>5,775</b>
<b>Health Care &amp; Social Assistance</b>	<b>472</b>	<b>1,147</b>	<b>48,110</b>
Ambulatory health care services	352	727	38,324
Nursing & residential care facilities	15	109	4,772
Social assistance	100	311	5,014
<b>Arts, Entertainment, &amp; Recreation</b>	<b>73</b>	<b>948</b>	<b>24,854</b>
Performing arts, spectator sports, & related	19	758	16,034
Museums, historical sites, & similar institutions	10	3	33
Amusement, gambling, & recreation industries	44	187	8,787
<b>Accommodation &amp; Food Services</b>	<b>442</b>	<b>399</b>	<b>27,652</b>
Accommodation	69	166	7,800
Food services & drinking places	373	233	19,852
<b>Other Services (except Public Administration)</b>	<b>375</b>	<b>2,618</b>	<b>71,283</b>
Repair & maintenance	85	829	32,294
Personal & laundry services	71	1,547	34,251
Religious, Grantmaking, Civic, Professional Orgs	219	242	4,738
<b>Total for all sectors</b>	<b>3,923</b>	<b>16,499</b>	<b>688,900</b>

D: WITHHELD TO AVOID DISCLOSING DATA OF INDIVIDUAL COMPANIES; DATA ARE INCLUDED IN HIGHER TOTALS.

SOURCE: U.S. CENSUS BUREAU, 2013 NONEMPLOYER STATISTICS.

### 11.3.3

## LARGEST COMPANIES, HAWAI'I COUNTY

Company	Main Line of Business	State Rank		Sales (\$M)		Employees
		2015	2014	2014	2013	
Puna Plantation Hawai'i Ltd.	Supermarkets	63	63	127.4	123.3	550
David S. De Luz Enterprises Inc.	Automobile Dealership	84	86	93.7	82.5	125
Suisan Group Inc.	Wholesale frozen foods	93	93	82.0	78.5	178
I. Kitagawa and Co. Ltd.	Retail automotive dealerships	98	104	77.7	70.5	186
Isemoto Contracting Co. Ltd.	General contractor	103	136	71.3	47.1	180
North Hawai'i Community Hospital	Full service acute care hospital	107	62	69.2	127.3	376
Mauna Lani Resort (Operation) Inc.	Resort operations	142	156	42.7	36.9	375
Inter Pacific Motors Inc.	New & used vehicle sales & service	163	NA	31.5	26.5	59
Big Island Motors Inc. dba Hilo-Kona Mazda Subaru Hyundai	New car dealership	187	188	26.4	24.7	56
Hawai'i Preparatory Academy	Independent school	199	202	22.9	21.1	132
HFS Federal Credit Union	Federal credit union	224	210	17.3	18.8	NA
Royal Hawaiian Orchards, L.P.	Macadamia nut farm	229	235	16.0	13.9	NA
Hawai'i Community FCU	Federal credit union	234	223	15.2	14.2	69
Parker Ranch Foundation Trust	Cattle ranch	237	225	14.4	15.3	39
CU Hawai'i Federal Credit Union	Federal credit union	248	246	8.6	8.6	NA

NA: NOT AVAILABLE

SOURCE: "TOP 250," HAWAI'I BUSINESS 2015.

### 11.3.4

## CHARACTERISTICS OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES, HAWAI'I COUNTY

Characteristic	2012		2013	
	Hawai'i County	State	Hawai'i County	State
Number of businesses	3,902	31,496	3,923	31,622
Employees	48,628	492,089	50,266	502,530
Payroll, 1st quarter (\$1,000)	398,495	4,636,495	421,090	4,871,307
Annual payroll (\$1,000)	1,631,977	19,078,553	1,727,506	19,881,066

SOURCE: U.S. CENSUS BUREAU, COUNTY BUSINESS PATTERNS.

### 11.3.5

## NUMBER OF BUSINESS ESTABLISHMENTS WITH EMPLOYEES STATEWIDE AND HAWAI'I COUNTY

Year	State Total	Hawai'i County
1998	29,603	3,552
1999	29,569	3,548
2000	29,853	3,629
2001	30,175	3,688
2002	30,633	3,764
2003	31,061	3,853
2004	31,605	3,929
2005	32,244	4,115
2006	33,118	4,297
2007	33,388	4,364
2008	32,904	4,261
2009	32,372	4,197
2010	31,939	4,044
2011	31,472	3,966
2012	31,496	3,902
2013	31,622	3,923

SOURCE: U.S. CENSUS BUREAU, COUNTY BUSINESS PATTERNS.

## 11.3.6

## SERVICE ESTABLISHMENTS WITH EMPLOYEES FOR PLACES WITH 3,000 INHABITANTS OR MORE, HAWAII COUNTY

Geography, 2012	Number of Establishments	Sales, Shipments, Receipts, or Revenue (\$1,000)	Number of Employees	Annual Payroll (\$1,000)
<b>Professional, Scientific, and Technical Services</b>				
Captain Cook	3	D	0-19	D
Hawaiian Beaches	1	D	0-19	D
Hawaiian Ocean View	NA	NA	NA	NA
Hawaiian Paradise Park	3	D	0-19	D
Hilo	101	79,436	653	30,978
Hōlualoa	10	1,170	17	365
Kahalu'u-Keauhou	6	1,428	10	557
Kailua	62	27,010	233	9,806
Kalaoa	22	11,254	125	2,507
Mountain View	2	D	0-19	D
Waikoloa Village	8	1,440	20	498
Waimea	31	50,466	282	21,249
<b>Administrative, Support, and Waste Management</b>				
Captain Cook	2	D	100-249	D
Hawaiian Beaches	NA	NA	NA	NA
Hawaiian Ocean View	1	D	0-19	D
Hawaiian Paradise Park	3	D	0-19	D
Hilo	62	73,968	1,669	40,185
Hōlualoa	12	10,193	89	2,949
Kahalu'u-Keauhou	6	2,102	15	602
Kailua	41	D	1000-2499	D
Kalaoa	28	39,926	727	18,817
Mountain View	2	D	0-19	D
Waikoloa Village	14	6,766	32	977
Waimea	15	4,029	40	1,464
<b>Educational Services</b>				
Captain Cook	1	D	0-19	D
Hawaiian Beaches	NA	NA	NA	NA
Hawaiian Ocean View	NA	NA	NA	NA
Hawaiian Paradise Park	NA	NA	NA	NA
Hilo	7	1,080	36	340
Hōlualoa	1	D	0-19	D
Kahalu'u-Keauhou	3	1,337	12	472
Kailua	9	7,940	87	2,323
Kalaoa	NA	NA	NA	NA
Mountain View	NA	NA	NA	NA
Waikoloa Village	NA	NA	NA	NA
Waimea	4	D	20-99	D
<b>Health Care and Social Assistance</b>				
Captain Cook	8	2,205	31	885
Hawaiian Beaches	2	D	20-99	D
Hawaiian Ocean View	NA	NA	NA	NA
Hawaiian Paradise Park	1	D	0-19	D
Hilo	225	429,031	4,286	214,500
Hōlualoa	6	D	20-99	D

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# 11.3.6

## CONTINUED

Geography, 2012	Number of Establishments	Sales, Shipments, Receipts, or Revenue (\$1,000)	Number of Employees	Annual Payroll (\$1,000)
Kahalu'u-Keauhou	8	14,558	161	6,301
Kailua	69	67,215	642	28,564
Kalaoa	9	5,299	57	1,890
Mountain View	2	D	0-19	D
Waikoloa Village	9	3,547	48	1,649
Waimea	31	77,131	635	32,921
<b>Arts, Entertainment, and Recreation</b>				
Captain Cook	3	726	22	282
Hawaiian Beaches	NA	NA	NA	NA
Hawaiian Ocean View	NA	NA	NA	NA
Hawaiian Paradise Park	NA	NA	NA	NA
Hilo	11	6,874	144	1,930
Hōlualoa	2	D	0-19	D
Kahalu'u-Keauhou	2	D	0-19	D
Kailua	12	38,708	538	15,609
Kalaoa	2	D	0-19	D
Mountain View	NA	NA	NA	NA
Waikoloa Village	3	D	100-249	D
Waimea	4	464	11	197
<b>Accommodation and Food Service</b>				
Captain Cook	5	D	20-99	D
Hawaiian Beaches	2	D	20-99	D
Hawaiian Ocean View	NA	NA	NA	NA
Hawaiian Paradise Park	1	D	0-19	D
Hilo	146	133,782	2,239	33,243
Hōlualoa	11	D	100-249	D
Kahalu'u-Keauhou	18	88,700	1,089	28,737
Kailua	103	382,777	3,508	95,755
Kalaoa	3	D	20-99	D
Mountain View	NA	NA	NA	NA
Waikoloa Village	14	D	250-499	D
Waimea	26	22,466	362	6,235
<b>Other Services (except public administration)</b>				
Captain Cook	1	D	0-19	D
Hawaiian Beaches	1	D	0-19	D
Hawaiian Ocean View	NA	NA	NA	NA
Hawaiian Paradise Park	1	D	0-19	D
Hilo	96	57,097	464	11,261
Hōlualoa	16	D	20-99	D
Kahalu'u-Keauhou	16	5,327	35	1,118
Kailua	59	39,556	391	11,825
Kalaoa	9	3,562	38	749
Mountain View	NA	NA	NA	NA
Waikoloa Village	14	7,219	45	1,653
Waimea	15	7,941	47	1,595

D: WITHHELD TO AVOID DISCLOSING DATA FOR INDIVIDUAL COMPANIES

NA: NOT AVAILABLE

SOURCE: U.S. CENSUS BUREAU, 2012 ECONOMIC CENSUS.

## 11.3.7

## SERVICE ESTABLISHMENTS WITH EMPLOYEES BY TYPE AND LOCATION, 2013

Establishment Type	Location	Number	Location	Number	Location	Number
<b>Professional, Scientific, &amp; Tech Services</b>	Captain Cook	4	Kamuela	49	Ocean View	2
	Hawi	1	Kapa'au	1	Pa'auilo	1
	Hilo	98	Kea'au	10	Pāhoa	4
	Hōlualoa	3	Kealakekua	6	Volcano	2
	Honoka'a	2	Kurtistown	1	Waikoloa	12
	Kailua-Kona	95	Mountain View	2		
<b>Management of Companies</b>	Hilo	4	Kamuela	1	Waikoloa	2
	Kailua-Kona	9	Kea'au	2		
<b>Administrative &amp; Support</b>	Captain Cook	3	Kamuela	24	Pa'auilo	3
	Hawi	1	Kea'au	7	Pāhala	1
	Hilo	50	Kealakekua	5	Pāhoa	4
	Hōlualoa	4	Kurtistown	1	Pāpa'ikou	2
	Honoka'a	5	Mountain View	2	Pepe'ekeo	1
	Kailua-Kona	88	Ocean View	1	Waikoloa	14
<b>Waste Management &amp; Remediation</b>	Hilo	8	Kailua-Kona	5	Mountain View	1
	Hōlualoa	1	Kamuela	1	Waikoloa	1
	Honoka'a	1	Kea'au	3		
<b>Educational Services</b>	Captain Cook	1	Kamuela	11	Pāhoa	4
	Hilo	18	Kea'au	4	Volcano	1
	Hōlualoa	4	Kealakekua	1		
	Kailua-Kona	13	Laupāhoehoe	1		
<b>Ambulatory Health Care</b>	Captain Cook	4	Kapa'au	3	Pāpa'aloa	1
	Hilo	183	Kea'au	5	Pāpa'ikou	1
	Hōlualoa	3	Kealakekua	31	Volcano	1
	Honoka'a	2	Mountain View	1	Waikoloa	6
	Kailua-Kona	70	Nā'ālehu	2		
	Kamuela	33	Pāhoa	7		
<b>Hospitals</b>	Hilo	1	Kapa'au	1	Pāhala	1
	Kamuela	1	Kealakekua	1		
<b>Nursing &amp; Residential Care</b>	Hilo	6	Kailua-Kona	3	Waikoloa	2
	Honoka'a	1	Kamuela	1		
<b>Social Assistance</b>	Captain Cook	1	Kamuela	7	Nā'ālehu	5
	Hilo	42	Kapa'au	1	Pa'auilo	1
	Hōlualoa	1	Kea'au	5	Pāhoa	4
	Honoka'a	2	Kealakekua	9	Waikoloa	2
	Kailua-Kona	16	Mountain View	1		



11.3.7

CONTINUED

Establishment Type	Location	Number	Location	Number	Location	Number
<b>Performing Arts, Spectator Sports, &amp; Related</b>	Hilo	1	Honoka'a	1	Kealakekua	1
	Hōlualoa	1	Kailua-Kona	5	Pāhoa	1
	Hōnaunau	1	Kamuela	8		
<b>Museums, Historical Sites, &amp; Related</b>	Captain Cook	1	Kailua-Kona	1	Pāpa'ikou	1
	Hilo	3	Kamuela	1	Waikoloa	1
	Honomū	1	Kealakekua	1		
<b>Amusement, Gambling, and Recreation</b>	Hakalau	1	Kailua-Kona	11	Pāhala	1
	Hilo	7	Kamuela	9	Waikoloa	3
	Honoka'a	2	Kea'au	2		
	Honomū	1	Kealakekua	2		
<b>Accommodation</b>	Captain Cook	1	Honomū	1	Pāhoa	1
	Hawi	1	Kailua-Kona	28	Volcano	3
	Hilo	10	Kamuela	11	Waikoloa	6
	Hōlualoa	2	Kapa'au	1		
	Honoka'a	2	Ocean View	1		
<b>Food Service</b>	Captain Cook	3	Honomū	2	Laupāhoehoe	1
	Hakalau	1	Kailua-Kona	108	Nā'ālehu	2
	Hawi	2	Kamuela	47	Ocean View	2
	Hilo	136	Kapa'au	1	Pāhala	1
	Hōlualoa	1	Kea'au	8	Pāhoa	10
	Hōnaunau	1	Kealakekua	12	Volcano	3
	Honoka'a	6	Kurtistown	1	Waikoloa	25
<b>Repair &amp; Maintenance</b>	Captain Cook	2	Kamuela	5	Mountain View	1
	Hilo	41	Kapa'au	1	Nā'ālehu	1
	Hōlualoa	1	Kea'au	3	Pāpa'ikou	2
	Honoka'a	1	Kealakekua	1	Waikoloa	1
	Kailua-Kona	24	Kurtistown	1		
<b>Personal &amp; Laundry Services</b>	Hakalau	1	Kailua-Kona	25	Kealakekua	2
	Hawi	1	Kamuela	8	Pāhoa	2
	Hilo	24	Kea'au	3	Waikoloa	4
<b>Religious, Civic, &amp; Professional Orgs.</b>	Captain Cook	3	Kapa'au	4	'O'ōkala	1
	Hilo	58	Kea'au	7	Pāhala	1
	Hōlualoa	4	Kealakekua	4	Pāhoa	4
	Hōnaunau	1	Kurtistown	2	Pāpa'ikou	1
	Honoka'a	2	Laupāhoehoe	1	Pepe'ekeo	1
	Kailua-Kona	73	Mountain View	1	Volcano	1
	Kamuela	29	Nā'ālehu	3	Waikoloa	16

SOURCE: U.S. CENSUS BUREAU, 2013 ZIP CODE BUSINESS PATTERNS.

### 11.3.8

## SALES BY BUSINESS ESTABLISHMENTS FOR EMPLOYERS AND NONEMPLOYERS BY SECTOR HAWAI'I COUNTY

NAICS	Industry	Employers	Sales (\$1,000)	Nonemployers	Sales (\$1,000)
	<b>Total</b>	<b>N</b>	<b>N</b>	<b>16,146</b>	<b>662,314</b>
11	Agriculture, Forestry, Fishing & Hunting	N	N	992	24,062
21	Mining	N	N	D	D
22	Utilities	11	Q	13	1,050
23	Construction	N	N	1,612	104,858
31-33	Manufacturing	112	283,326	450	19,546
42	Wholesale Trade	178	D	385	17,841
44-45	Retail Trade	648	2,390,830	1,420	65,078
48-49	Transportation & Warehousing	155	273,634	336	14,193
51	Information	66	N	149	3,770
52	Finance & Insurance	158	N	280	10,902
53	Real Estate Rental & Leasing	245	226,488	1,572	111,364
54	Professional, Scientific, & Technical Services	294	193,315	2,030	78,422
55	Management of Companies & Enterprises	N	N	N	N
56	Administrative Support & Waste Management	235	275,783	1,601	41,598
61	Educational Services	29	17,307	359	5,665
62	Health Care & Social Assistance	469	781,182	1,122	48,076
71	Arts, Entertainment, & Recreation	69	89,358	900	24,139
72	Accommodation & Food Services	430	1,124,494	360	24,118
81	Other Services (except Public Administration)	288	166,086	2,560	67,034

D: WITHHELD TO AVOID DISCLOSING INDIVIDUAL COMPANY DATA; DATA ARE INCLUDED IN HIGHER LEVEL TOTALS.

N: NOT AVAILABLE OR NOT COMPARABLE.

Q: REVENUE NOT COLLECTED AT THIS LEVEL OF DETAIL FOR MULTIESTABLISHMENT FIRMS.

SOURCE: U.S. CENSUS BUREAU, 2012 ECONOMIC CENSUS, 2012 ECONOMIC CENSUS OF ISLAND AREAS, AND 2012 NONEMPLOYER STATISTICS.

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